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Agricultural.

NOTES BY THE WAY.

The Farmers Stockmen of Calhoun County Observations Around Battle Creek.

After the sheep shearing at Battle Creek was over, a report of which will be found elsewhere, we accepted the invitation of Mr. W. J. Lawrence to visit his farm and look over his flock. Mr. D. P. Dewey of Grand Blanc, having recovered from his indisposition, was also visiting at the same place. It was dark before Mr. Lawrence's residence was reached, and the party was in excellent condition to do justice to Mrs. Lawrence's well spread tea-table which was waiting for them. In the evening a new subject for discussion came up and it held the attention of every one till a late hour. The subject was-sheep.

In the morning Mr. Lawrence's flock was looked over and discussed. Its condition has been greatly improved since we saw it last fall, and we hardly recognised the ram Reliable in his improved flocks in this issue. form. He is better this season than ever before. D. P. D., the cher stock rain, is also doing well. In lambs Mr. Lawrence has met with good success this season, and there are two or three buck lambs To the Editor Michigan Farmer. among the lot that are as promising as anything we have seen this season. The

ficult to find. That it is productive as cakes. well as beautiful the substantial residences and farm buildings, the well kept farms and tidy fields were sufficient proof. The ride did not take long, for, as Mr. Dewey remarked, "It don't take long to went quick.

Mr. Sprague's jolly face smiled a wel- the weeds out. come as the party drove up, and all were very soon made comfortable. Mr. S. had a touch of the sheep fever recently, and as it seems to have struck in it will probably last for years. His flock has the ram Fashion 190, bred by the late L. P. Clark, at its head. Fashion's sire was Moses (495), by General (210). The dam of Fashion was L. P. Clark 85. This ram Mr. Sprague purchased from Mr. Clark direct while on a visit to Vermont, and at the same time he purchased seven Farnsworth ewes, all of Atwood blood. Of these one was sired by Col. Stowell's Diamond Dust, and in lamb to Moses. The other ewes were sired by Clark's Wrinkly Greasy. He also got two ewes from N. Richards, of Vermont, one of which was sired by Moses. He began his flock originally with the purchase of fifty ewes from J. Evarts Smith, of Ypsilanti, but is now reaching out for some of the "finest." He intends keeping his Atwoods straight. Another ram is Clark's 175, and he also has a ram lamb, dropped last September, by Fashion out of a Moses ewe. He has also the ram Model, by Fashion out of a Smith ewe, which he is using on his mixed bloods. Mr. S. has had very fair success with his lambs this season, and feels encouraged. He is also raising some good hogs and draft horses. In cattle he is breeding Shorthorns, and has a bull bred by G. W. Stuart, of Grand Blanc, and sired by Red Cloud;

also the heifer Jenny Bell (Vol. 18). After looking over his stock Mr. Sprague drove us over to Mr. Elliott Sprague's, his brother. Here we found a very handsome farm of 270 acres, well worked, good buildings, and a very pleasant home. He keeps a large flock of grade sheep, well up in blood, and has a few full bloods. He 32545, out of Dolly Varden (Vol. 16 A. H. before.

(Vol. 16), by 9th Earl of Lakeview 14166, out of Dolly Varden, by Phil Sheridan (27436). He has also three good straight calves, deep reds, which are doing well. He says the farmers in his neighborhood have not yet learned to appreciate the difference in merit between a native and a good Shorthorn, but we hope there will soon be a change in this respect. The rain, which had continued all day, prevented a better look over this farm, and besides Mrs. Sprague offered even stronger attractions in the house. It was the intention to leave before dark but night had closed in a couple of hours before we got started to return.

On Thursday morning Mr. T. W. Sprague drove us over to Battle Creek, and then eastward to the farm of A. Wattles, so as to show us his breeding flock. He had shown a handsome party of ewes at the shearing, large, deep-bodied, square built ewes, with wonderfully good fleeces We found Mr. Wattles in his barn with a couple of shearers, and interviewed him in regard to his flock, its origin, the methods he has pursued in breeding, etc. He said his flock was started about eighteen years ago, with stock from Vermont, among which was one ewe bred by Edwin Hammond. Mr. Wattles was then a resident of Oakland County, and his flock stood very high among Merino men. Since he began breeding he has never but twice gone outside of his flock for new blood, always selecting his stock carefully and then breeding them together no matter how closely related. It shows that he must be a very close observer, and able to detect the slightest defects in constitution or make up, as to-day his flock are unusually vigorous and healthy, and noted for the quality and weight of their fleeces. Not a sign of weakness could be detected in the entire flock. It is a pity the records of this flock have been lost, so as to prevent its being registered, as they are undoubtedly of good blood as

well as of individual merit. From here Mr. Sprague drove us to Battle Creek, were we took the train for Marshall to call on Mr. Wm. Radford, of that place, and also upon Mr. Charles Southwell, both vetern sheep breeders. But space prevents any reference to their

SORGHUM.

ELSIE, April 28, '84.

I thought I would give a little of my experience for the encouragement of breeding ewes in this flock are in excel- those who think of planting sorghum seed for the first time. Two years ago Mrs. Lawrence, who has a great tast | this spring I planted a small piece of house put up, and the old veterans in the eight square rods, making the twentieth business had better look to their laurels, part of an acre. I planted it in drills in the future. A description of the house about three feet apart. I took care of it will have to be deferred for the present. the same as corn. It matured about the In the midst of a heavy rain, the party first of October; I then prepared it for the started for the farm of T. W. Sprague, mill. It yielded me nineteen and one half someten miles distant. On the way the gallons of beautiful golden honey syrup, famous Goguac Prairie, with its beautiful to my liking and taste not inferior to the little lake was passed over, and a more golden drips syrup, good enough for a beautiful farming country it would be dif | President to eat on his buckwheat pan-

I did not plant until about the first of June, not until after corn and potatoes were planted. It ought to be planted as early as the 20th of May, as it starts very slowly at first. I would advise planting go a good ways if you go quick," and we in hills, say one foot or fifteen inches apart, as it gives a better chance to hoe

In preparing the stalks or canes for the mill, the leaves must be stripped off, and the quickest and easiest way is to make a wooden sword, and cut right down by the side of the stalk, then cut off close to the ground, and cut off the top and tie up in bundles ready to be taken to the mill. "I say try it." Last year it was a failure same as corn.

The Best Breed of Swine for the

Average Farmer. To the Editor of the Michigan Farmer. In your issue of May 6th you publish an answer to my answer of the question asked as to "the best breed of swine for the average farmer." I do not wish to enter into any newspaper discussion. but merely to refer to Mr. Isbell when he says that I "will have to trot out the

Chinas": 1st.-Mr. Isbell has his pigs droppe from three to four weeks earlier than the ones that I gave, and has them kill ed two weeks later, making the Poland

cross-breeds again to beat the Poland

Chinas some five or six weeks older. 2d.—He has only told us of two (and it is to be presumed that those were the best), and says nothing about the other

eight or ten in the litter. 3d .- You count the cost of keepin for the extra five or six weeks, and make allowance for their growth in the extra time; also knock off for the other eight or ten that he says nothing about. I submit if it is not he that "will have to trot out the Poland-Chinas again."

Very respectfully, W.B. SMITH. ANN ARBOR, Mich., May 10, 1884.

"F. M.", Ann Arbor: We do not has paid some attention to cattle breeding, know where the Roger Binder is manuand has a very nice young bull, Duke of factured. Cannot say whether it is a suc-Meadowbrook, by 2d Earl of Riverside cess or not, as we have never heard of it

B.). Also the cow 2d Gem of Riverside MICHIGAN SHEEP SHEARINGS.

At Metamora, Lapeer County. The Lapeer County Sheep Breeders'

STATE JOURNAL

and Wool Growers' Club was organized last February, with James McGregor, President, David Fellows, Treasurer, and D. B. Conner for Secretary. The first public shearing was held at Metamora May 6th, and was largely attended, also a tine display of sheep, while the interest was really enthusiastic, making it for your reporter the most pleasing shearing that he has attended. The morning was bright and pleasant, but during the afterternoon it rained incessantly, but the large barn of Mr. Lee's in which the shearing was held amply protected and afford. ed standing room for all.

L. Atherholt was the first one on hand and placed in pens a good showing of ten. Among them was his three-year old stock ram Lad 50, bred by G. Harris, of Hunter's Creek, by Taylor's 251, and a McGregor dam, 1st fleece 19 lbs., 2nd 28 lbs., 3rd 26 lbs. 9 oz., of 853 days. His Lapeer 14 is one year old,, sired by Young General 179, (bred by S. S. Lusk) by L. P. Clark 207, by Old General 204, by Patrick Henry 173, by Kilpatrick 64, dam 53 bred by E. Townsend, got by Smuggler 122, by Stowell's ram 256, 7th sire Sweepstakes. The second dam is Townsend 54, bred by him, now seven years old and a credit to the breeder, the owner and the day. His two-year-old ram Goldbeater 222, was bred by J. O. Hamilton, Bridport, Vt., got by J. O. H. 161, by Ironsides 4th, labeled C. P. Crane 76, by Ironsides 3rd 375, dam

J. O. H. 188. J. Weed Thorington, of Romeo, showed two ewes of A. D. Taylor stock, one three, the other five years old, by Addison and Genesee. The five-year-old is of large size, very compact, and carrying a perfect fleece, and the favorite of the day. She was reserved for the shearing at Imlay

Wm. H. Blow showed eight. We notice two yearling rams 128 and 130, both by Young General 179, by L. P. Clark 207, by General 204, by Patrick Henry 173, by Kilpatrick 64, by Comet 20, by California 19, by Long Wool 7, by Old Greasy 5, by Wooster 3, by Old Black 1. Their dams were by Townsend's Smuggler 122 and Genesee 2nd 387. One eight-year-old ewe bred by J. H. Thompson, Grand Blanc, by Bull Dog 105, who was bred by Peter Martin, New York. One seven-year-old by D. P. Dewey's Commodore, by Peter Martin's Torrent 71, by Little Wrinkly 58, by Sweepstakes 9. One four year-old ewe 120, bred by J. E. Gilmore, formerly of New York, by Genesee 2nd 387, by old Genesee 172, and three two-year-old ewes by Mrs. Lawrence, who has a great tast this spring I planted a small piece of Young General 179, dams by Genesee 172, repoultry, has had a fine new poultry ground only two rods by four rods, or Bull Dog 105, and Granger 378 by Patrick Henry 173-a showing of much credit.

James and Andrew McGregor showed ciation, which would not cost more than 81 and 78 by same sire and same breeding | those who entered sheep we managed to all through; also four ewes two years old, get the names of the following: two yearling ewes of same breeding as

James Thomas showed his two-year old ram Buffalo Bill, J. O. Hamilton 334, by other G. H. James 123. Ironsides 4th, by Ironsides 3rd (357), by Silverhorns 177, of Atwood and Robinson

Dr. David F. Stone had his four year old ram Acme Jr. L. S. B. 70, bred by L. C. Burwell's Bismark 221, by Silverhorns 177, and five yearling rams and five ewes | W. H. Fisk, of Barry County of his own breeding from Acme Jr., a good showing of his worth as a stock get-

R. M. Michael, of Lapeer, showed one three year old ram by Taylor's Blucher, and who clipped last year 23 pounds four prising eight yearling ewes, two threeounces.

John Collins had a three year old ram. G. W. Lilley had two two year old ewes, one three years, and a two year old ram dividual merit. The ram Rob Roy is at by Young Genesee.

George & James Palmer showed one three years old ram by Genesee and three one year old rams by Young Genesee; also two two year old ewes and four yearling ewes, all by Young Genesee.

H. Rossman showed one ram two years, old, J. O. Hamilton 318, two ewes two years old, bred by C. H. Grandy. Martin N. Kelly showed his J. O. Ham-

ilton 332 ram, who is a good one and two vears old.

Connor & Fellows showed 16 head, two two year old rams, one of them 326, by Crane 76, by Ironsides 3d 357, by Silver good quality, with only a fair amount of horns 177; dam, J. O. Hamilton 51, by Deacon James ram 52, by Tottingham 40; lbs. 6 oz. five three year old ewes, four of them bred by E. H. & H. E. Merrill, of Vermont. and by Bacchus, by Bismark, the other bred by G. D. Minor, of Vermont; two two year old ewes, bred by J. O. Hamilton, Vermont, bred by Ironsides 4th, by do 3d, by Silverhorns; one yearling ram by Acme Jr. 70, dam Merrill 325; -also five lambs by 326, from Merril & Mesier ewes, that are fine ones. This get shows splen-

J. O. Govan had three year old, bred by A. D. Taylor, by Old Genesee: dam, an Addison ewe, and two two years old, bred by J. O. Hamilton, Vermont.

Baldwin Brothers showed their two years old stock ram Rising Star 224, bred by J. O. Hamilton; one two year old ewe, by Dewey's J. L. Hayes; three ewe lambs of their own breeding by Kirkwood, L. Cate 36, and two ram lambs of the same breeding.

wtb 35

NAME OF OWNER.	Name of Breeder.	Sex.	Age, years	Weight of Carcass, 1b	Days, Grov	Color of Oil.	Length of	Fl	of eece.
D. F. Stone	Owner	Ewe	1			White	11/6	-	
J. W. Thorington	Owner	do	3	9016	355	do	214		141/2
Murry Michael		Ram	3	121	343	do	234		1516
	Owner		1	641/2	365	do		12	031/2
do	Owner	do	1	541/6	365	do	21/2		031/2
C. R. Chapman	C. Hamilton	Ram	2	1161/2	381	do	25%		12
L. Atherholt	Owner	Ewe	1	76	384	do	2%		00
H. Owen		Ram	2	1141/4	374	Buff	21/2		091/2
Andrew McGregor	Owner	Ewe	2	57	339	White	234		03
James McGregor	Owner	Ewe	2	681/2	339	do	21/2		101/2
David Fellows			2	112	356	Buff	21/2		01
A. McGregor		do	1	92	365	White	21/2		141/2
John Collins		go	3	1061/2	355	do	21/3		1216
Conner & Fellows			2	111	381	Buff	21/4	28	$06\frac{1}{2}$
D. F. Stone			4	1351/4	368	do		27	00
Conner & Fellows		do	2	1361/2	353	do	21/8		091/2
James Thomas		Ewe Ram	2 2	75 131	381	do	21/4		0614
H. Rossman		Ewe	2	88		White	214		09
do		Ram	2	13916	381	Buff	21/8		00 12
Conner & Fellows		Ewe	2	94	281	do	214		05
M. N. Kelly		Ram	0	1	381	do	25%		111/6
	Owner		ĩ	881/4	365	do	214		09
Fred. A. Tripp	A. McGregor		2	1111/2	325	White	21/4	04	05
Geo. Palmer	Owner	do	11%	93	365	do	214		03
James McGregor	Owner	do	1	63	365	Co	234		051/2
andrew McGregor	Owner	Ewe	21	6016	341	do	236		02
A. Baldwin	Owner	do	2	5914	374	do	1 74		071/2
	O. C. Beals	do	3	67	365	do	21/2		01
	Owner	do	1	54	335	do	134		13
do	Owner	do	2	611/2	335	do	134		01
D. F. Stone	Owner	do	11	75	365	do	21/4	13	07

The following is a report of the public shearing of the Adrian and Rome Asso ciation, held on May 2nd at the farm of C. W. Selleck, Township of Adrian,

		,		years.	h of	eight of	bt of	
Name of Owner.	BREEDERS NAME	NAME OF NUMBER OF SHEEP.	NAME OF SIRE.	Age, yea	Growth of	Tpe Care	weight.	
W. H. Bertram	W. H. Bertram	W. H. B. 32	W McCauley 95	1	363	68	15	061/2
do	do	W. H. B. 99	do	1	358	62	12	06
do	C. P. Crane	C. P. C. 146	Premier	2	395	1081/2	24	12
do	W. H. Bertram	31	W McCauley 95	1	394	68	16	04
N. J. Halsted	L. Haskins	Commodore 35	H. F. Hall 33	2	365	92	20	04
do	S. C. Lombard	Point 99	Farnsworth 173	3	359		29	00
Dea Lowe	0. L. Short	Mike	Rival	5	360	1251/4	22	00
E. C. Haleted	L. Haskins	46	H. F. Hall 33	1	389	9914	17	04
do	S. C. Lombard	102	S C Lombard 97	1	359	96	14	00
do	do	5	D J Brown 18	3	357	1091/2	20	03
W. J. Osborn	W. J. Osborn	37	Hector 156	1	365	75	14	02
do	do	Model 182 (ewe)	do	3	366	117	21	08
do	do	Beauty 178 (ewe)	do	2	366	811/2	15	12
do					365		16	00
M. Brazee & Hawks	M. R. King	Gen. Knox 26	CM Fellows 56	2			21	08
Wm. Hawley W. Reynolds	E. S. Hawks		Duke	. 3	357		29	00
W. Reynolds	J. W. Cole N. Y	J. W. Cole 44		2	357		21	00
R. Simmons	C. H. Smith Vt.	3	Iron Sides	1 4	349			12
E. C. Wilber	E. C. Wilber			1 1	410		17	00
Wm. Wood	Osborn & Bro		. Hector 156	4	357			
Osborn & Wilson	. Ray Bros, N. Y.	Ray 189	. Longstreet	12	365		30	00
C W Selliek	. IL Haskins	133	Hall 22	1 0	961		18	12
F. L. Burr	. J. Cress	Boss 222	Bonaparte	. 3	357		23	
Tanamian & Lamo	I Racho		-	1 0	1 000	4045	00	

At Battle Creek.

was held at Battle Creek on Tuesday last. be provided, upon which to make out the The day was very unfavorable, raining record of each shearing. This would most of the time. Still there was a very make the returns from each very com

augurated that would be followed all over The annual shearing of the Calhoun the State. For that purpose blanks like County wool growers and sheep breeders | those used by the State Association should fair attendance, and a good show of sheep. | plete, and enable those who read the re The arrangements for taking entries, ports to arrive at a fair conclusion as to weighing and recording fleeces, and the merits of the sheep shorn. Nearly description of the sheep shorn were not as every report sent us fails to give on good as they should have been. In this or more of the very points that people connection we suggest that to make such | would like to know. A few sheets of the records valuable a system should be in- printed blanks used by the State Asso-

ten head, the yearling ram McGregor a few cents, would make these shearing a Potter ewe. Also the ram D. P. D. 84, by Genesee, the yearling rams 74, reports of much greater value. Among 319, three years old, bred by D. P. Dewey,

S. Palmer, Bellevue, Eaton Co., two W. H. Gorsline, of Battle Creek, had a

two-year old ram bred by E. Lovell, of sult, sheared 14 lbs. 14 oz. of light, long-Climax, sired by a ram owned by Lovell stapled wool. & Retallick, and from the Bottum flock of Vermont; two-year-old ram bred by W. S. Burwell, by Acme L. S. B. 22, by H. J. Lawrence, of Battle Creek, sired by C. Burwell 724, by Burwell's Black Hawk, Warwick, a ram bred by D. P. Dewey, and straight Atwood; dam, L. S. B. 22, by H. from a ewe sired by Compact; ewe lamb also by Warwick, and from a ewe bred by

W. H. Fisk, of Bedford, had seven head-a ram four years old, T. Stickney & Son 207, two three-year-old ewes, two yearling ewes, and two yearling rams.

A. Wattles, Battle Creek, 20 head, com

year-old ewes, eight yearling rams. These sheep are unregistered through their records being lost, but are of high inthe head of this flock, and his young stock showed good breeding and fine care. Wm. Radford, of Marshall, had nine head, two yearling rams, three yearling ewes, and four three and four-year-old ewes. Of the yearling rams, one was by Zack Chandler, owned by Radford & Smith, and the other by Hero, a ram bred by D. P. Dewey, and sired by Robin Hood. Only one of this lot got sheared, owing to lack of time and the fact that Mr. Radford, as President of the Associa-

rence, sired by John L. Hayes, dam owned by Dewey & Lawrence, sire John L. Hayes; dam, Peter Martin 169, sired by Little Monitor. Also six ewes, of which rams, one five and the other eight years three were shorn. One of these, a yearold, the first E. Sanford 683, and the ling by Warwick, by Keystone, sheared 18 lbs. 12 oz.; another yearling, by John L. Hayes, dam Peter Martin 261, by Re-

> E. E. Towsley, of Battle Creek, had a two-year-old ram, bred by W. J. Lawrence, sired by Hero; dam a Bingham ewe No. 85.

W. H. Johnson, of Marshall, showed a three-year-old ram, bred by H. L. Car-No. 43 in Michigan Register. He gave a fleece of 29 lbs. 6 oz.

Quite a number of the sheep shown were high grades, and we also saw a party of Cotswolds with a Leicester cross, owned and bred by Mr. C. Atmore of Penfield. He has been breeding these sheep for the past 20 years. He has a Cotswold ram at the head of his flock bred by T. L. Miller, of Beecher, Ill., now four years old, called Captain, and registered as 270 in the American Register. He had some half bred lambs out of fine wooled ewes. One ram lamb sheared 11 lbs. 4 oz. of 360 days' growth. One long-wooled buck, five years old, sheared over 13 lbs., from stock that had been in-bred for 18 years. His whole flock sheared from 81 to 9 lbs. per head, and the Miller ram is the first new blood he has introduced into his flock in many years, but in-breeding has in no way affected their size, consti-

Name of Owner.	SEX.	Age, years.	Weight of Carcass, Ibs.	FI	GHT OF LEECE . Ozs.	Number of Label.	REMARKS.
C. Atmore	Ram	1	781/2	11	04		Grade Cotswold.
do	Ewe	2	115	8	12		Grade Cotswold.
do		5	194	13	04		Leicester.
do	do	4	200	13	0616	670	Cotswold.
A. Wattles	Ewe	8	96	16	06	85	
do	do	3	69	18	04	18	
do	do	1	98	18	04	221	
do	do	1	741/2	15 16	06 11	209	1
do	do	1	661/2	16	60	189	
do	Ram	2	132	29	06	100	
do	do	ĩ	91	23	05	204	
do	do	i	107	18	101/2	215	
do	do	i	91	21	08	196	
do	do	i	8234	19	04		Registered.
(0	do	1	84	20	10	229	- Garage
G. M. Evarts	Ewe	2	6516	13	00		
do	do	1	461/2	9	00		
W. H. Fisk	do		691/2	13	12		Registered.
W. J. Lawrence			67	18	12	65	
W. H. Gorsline		1	651/2	12	011/2	80	
W. J. Lawrence		1	66	13	13		Registered.
S. Palmer				21	05	683	Registered.
Albert Ewer		1	12116	17	04	****	D. of A.z.
S. Palmer		1	105	16	02%		Registered.
T. W. Sprague		1 2	641/2	14	12	30	Registered.
W. H. Gorsine T. W. Sprague		2	100	19 21	13 02	100	Registered.
D. Christy		2	50	12	10	56	negistereu.
A. Lockwood		3	182	21	0116		Registered.
Wm. Radford		3	78	18	06		Registered.
A. Ewer	do	1	68	10	14		recorded.
W. H. Johnson			116	24	02	48	Registered.
E. A. Daily			98	25	05		Registered.
do	do		93	27	08		Registered.
W. H. Fisk	do		133	23	04		Registered.
W. J. Lawrence		1	72	14	14		Registered.
D. Christy			62	10	10		Registered.
E. A. Daily		1	74	11	14		Registered.
W. H. Gorsline		2	117	25	14	18	n
W. J. Lawrencedo	do	3	114	26	12		Registered extra.
do	do	2	8616	23	03	218	Registered.

At Clarkston, Oakland Co. The first annual sheep show and shear ing of the Independence Sheep Breeders Association of Oakland Co. was held at

Clarkston, May 6th. The day was fine, with a large attendance and more interest shown than was expected. The fleeces taken off were not quite as heavy as reported at some other shearings, but the expect taken together was expellent and quality taken together was excellent, and if the interest keeps up we will get there. The following were the principal exhibit-

ors: Wm. Holcomb showed the four year old ram Hanlon (1014) bred by Lyman Cate, of Highland, also three ewes one year old and nine older ewes of Cutting blood.

M. C. Moon, showed his three year old ram Oakland, bred by J. H. Thompson of Grand Blanc, also three rams two years old, two rams one year old, two ewes two years old, one ewe three years old, bred from ewes from the flocks, of Farnham,

Holmes and Stevens of Vermont. W. Knox showed four ewes four years old three ewes six years old with their lambs and two ewes one year old; also 12 grade ewes. The registered ewes were from the flock of A. D. Taylor and Lyman

Cate.

J. B. Gates & Sons showed the following which were bred from the flocks of A. The following:

ram A. Deihl 91, two years old, two ewes one year old, sired by Hanlon (1014) of Cutting blood, also two ewes one year old, and two rams one year old sired by L. Cate 38.

Cross, Lowry & Pierce showed stock ram No. 126, bred by G. W. Stuart of

of Lapeer Co.
J. Parkinson of White Lake, exhibited some Shropshires, which attracted quite a little attention, a two-year-old ram weighing 162 lbs. sheared 7 lbs. 4 ozs., staple 3½ in; a ewe one year old weighing 77 lbs. sheared 7 lbs, 1 oz., staple 3½ in; ewe two years old, weighing 82 lbs., sheared 6 lbs. 8 ozs. staple 4½ inches.

Sozs, staple 4 inches.
The following is the official record of

Name of Breeder.	Name of Owner.	SEX.	NAME OF SIRE.	Age, years.	Number of Sheep.	Weight of Carcass, lbs.	ro of	Length of Staple, inch	Days' Growt
D. Howser	M. C. Moon M. C. Moon	Ram	E. A. Birchard 1 E. A. Birchard 1	2 2	3 2	116 2	0 12	234	37
J. H. Thompson	M. C. Moon	do	Granger 287	3	108	94 2			37
M. C. Moon	M. C. Moon	do	J. T. Stickney 308.	2	1	108			3
M. C. Moon	M. C. Moon	· do	J. H. Thompson 108	1		70 1			
Walter Knox	W. Knox	Ewe	Maximilian 285		5	58 1			
L. Cate L. Cate	W. Knox	do	Gilt Edge 420	5	14	65 1			
L. Cate	W. Knox	do	Gilt Edge 42)		12	68 1			
L. Cate	W. Knox	do	Gilt Edge 420		244				
A. D. Taylor	W. Knox	do	Genesee 161		290	86			20 00
A. D. Taylor	W. Knox	do	Genesee 161		240	68			
A. D. Taylor	W. Knox	do	Genesee 161		72	72			
H. M. PerryL Cate	Wm. Holcomb	do	Harlon (1014)		5	79			8
L Cate	Wm. Holcomb	Pam	Legal Tender		1014	103			3
L. Cate O. F. Kitchell	Wm Holcomb	Fwe	negat Tender		34	76			3
L. Cate	P Voorbeig	do	Hanlon (1014)	1	67	56			1
P. Voorheis	P Voorheis	do	L. Cate 38		32	68			1
P Voorheis	P. Voorheis		L. Ca e 38	1	28	56 1			
P Voorheis	P. Voorheis	Ram	L. Cate 38	1	27	91 1	7 03	21/4	1.
P. Voorheis	P Voorheis	do	L. Cate 38	1	31	83 1			
A. Diehl	P. Voorheis	do	Caesar	2	91	93			
A. Diehl	L. Voorheis	do	Caesar	2	86	83 1			
G. Gates	G. Gates	do	A. D. Taylor 393		118	89 1			1 .:
G. Gates	G. Gates	do	A. D. Taylor 393	2	70	88 1			1
G. Gates	G. Gates	Ewe	A. D. Taylor 393	1	105	73 1			1.3
J. Arnold	J. Arnold	Dom	Grade	0/		91 2			3
J. Arnold	J. Arnold	nam	Garlen	2	38	113.1			1 8
L. Cate			Gale Sheep		128	83			
J. T. Rich	H. D. Phelbe	1 00	Gale Dueed	1	140	87			13

AMONG THE SHORTHORNS.

The Herds of W. E. Boyden and the Phelps

Returning en route from Hon. William

Ball's, at Hamburg, we of course accom; panied Wm. E. Boyden to his home, that we might see his "SPRING BROOK" STOCK FARM,

located on "Boyden's plains," one and one-

half miles from Delhi Mills, a station on the M. C. R. R., which we reach after a ride of eight miles in a southerly course. As we turn into a broad avenue, six rods in width, bordered on each side by a row of grand maples, we see some twenty rods in front a fine, stately, two-story brick rier of Eaton County, and registered as residence, flanked with broad piazzas. After introductions to the two Mrs. Bs., one the mother and the other the wife. and a friendly visit, we settled down to business and learned that this farm comprises 600 acres of level "oak openings," and was first taken up from Government by L. Boyden in 1826, and has remained in the family since. The house was built in 1836 from brick made on the farm, and is 24x36 feet and 18x30 feet, making in all as fine a home as one could wish for outside the city. Immediately in front are three tenant houses, and in the rear a fine brick stable 40x50 feet, finished in the interior with box and single stalls and harness rooms, made of good material and finely painted, with cedar blocks for pavement, and erected in 1879 at a cost of over \$4,000. The main barns are in splendid condition, having been repaired some five years ago at a cost of several thousand dollars, and consist of one cathas in no way affected their size, constitution, had too much outside business to look after. The ewes had a long staple of good quality, with only a fair amount of oil. The one sheared gave a fleece of 18 lbs. 6 oz.

W. J. Lawrence showed two rams, Extra, two years old, bred by D. P. Dewey, and owned by Dewey & Lawcold winds, while the tanks in the yards are supplied freely with water-in our mind quite an essential. We also learn that an insurance of \$18,000 is carried on farm buildings and contents, which is but a tithe of their value.

The present owner of this farm with such magnificent surroundings, is but a young man and was born upon it and rocked in the same "hollow log-cradle" that his respected father was, and is today the lord of a proud manor and wears his honors right well. For six vears he has been a breeder of Shorthorns. and his herd now numbers about twentyfive, having within the last year made some heavy sales, particularly the combined one with Hon. Wm. Ball at Lansing fair grounds last October. At the head of this herd is the two-year-old bull Commander-in-Chief 47714 (of the Acorn fam ily), bred by James Davison, of Ontario, got by Commander 41637, out of imported Acorn 2d, by Scotland's Pride (25100). Acorn 2d, by Cæsar (20947); Oak Leaf, by Baron (13833); Acorn, by Matadore (11800); Admah, by Fitz Adolphus Fairfax (9124); Broken Horn, by Fitz Leonard (7010); Princess, by Sovereign (7535), and bred by the late Mr. Robertson, of England. Among the breeding cows we noticed

the ten years old Kate Napier, Vol. 14,

D. Taylor, Romeo, F. H. Dean and C. E. Bush of Vermont: Three rams two years old, two rams one year old, three ewes two years old, three rams one year old.

J. C. Howser had one registered ram two years old sired, by E. A. Birchard No. 1.

Peter Voorheis, Jr., exhibited his stock

Peter Voorheis, Jr., exhibited his stock

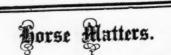
Ry, and got by 4th Duke of Hillhurs page 599, A. S. H. B., who was got by im-21509, out of Rosette, by Junius 6929, and traces to imported Rose of Sharon, by Belvidere (1706). The six-year-old Katie Belle, Vol. 17, page 12949, was bred by Hon. Wm. Ball, of Hamburg, Mich., and got by Treble Mazurka 25045, out of Besram No. 128, bred by G. W. Stuart of Grand Blanc.

James Arnold showed a grade ram three years old, and one two years old, also two yearling ewes, which sheared fleeces of excellent quality and staple.

Harvey Phelps of Brandon, had a registered ram one year old, bred by J. T. Rich of Laner Co.

Miss Wellington 2d, by Bellfield Airdrie Miss Wellington 2d, by Bellfield Airdrie 42851, tracing to imported Young Mary, by Jupiter (2170). The 11th Phyllis of Holmhurst, two years old and recorded in Vol. 24, page 18726, was bred by B. P. & S. D. Goff, Ky., and got by Major Booth 30240, out of Gentle Anna 20th, by Breastplate 11431, and traces directly to Young Phyllis, by Fairfax (1023). The five-year-old Nora Airdrie, in Vol. 25, p. 1258, was bred by Louis Cunningham, Ky., and got by Red Airdrie 8907, out of Nora 5th, by Airdrie 2d 7456, and traces to imported Rose of Sharon, by Belvidere (1706). Lucy Belle of Longwood 2d is four years old, was bred by Williams & Hamilton, of Ky., and got by Cordelia's Duke 38048, out of Lucy Belle 4th, by Duke of Noxubee 9920, and traces to imported Young Mary, by Jupiter (2170). The three-year-old Lucy Airdrie, Vol. 25, p 817, was bred by Van Meter & Hamilton, of Ky., and got by 20th Duke of Airdrie 13872, out of Lucy Barrington 3d, by Duke of Noxubee 9920, and traces to imported Young Mary, by Jupiter (2170). Rose of Longwood 2d, two years old, and recorded in Vol. 25, p. 1321, was bred by Williams & Hamilton, of Ky., and got by Geneva Wild Eyes 8687, S. H. R., out of Rosebud 8th, by 2d Earl of Oxford 6708, and traces to imported Rose of Sharon,

by Belvidere (1706). These latter (Continued on eighth page.)



DRAFT HORSES AT BATTLE CREEK.

While at Battle Creek last week, we had a look at the Percheron stallion Al legan (1264), now owned by M. W. Bar ker, of Battle Creek, imported by M. W. Dunham, of Wayne, Ill. He is a dapple grey, standing low on his legs, and a horse of much substance, with a short back, broad loin and deep round quarter. He has a fine, clean head, good neck and strong shoulders. His legs are clean, flat and bony, and in all respects we should consider him a fine specimen of the Per cheron. Mr. Pollock, who has him in charge, also has a cross-bred horse from a full blood Percheron sire and a mare of Cleveland Bay and Clyde blood. He is large, rangy horse, with good action and manner of managing his stable so as to great style. A better set of legs were never put under a horse-flat, clean and bony. In his make up he shows the style of the Cleveland Bay, with the color of the Percheron. He should be a good horse to breed from, as there is nothing in his ancestry that is not good, no matter what the progeny breed back to. These two horses are a great acquisition to this sec. tion, and farmers should avail themselves of their services. At Mr. T. W. Sprague's we saw a couple of young colts from Allegan, out of a good sized mare, and they certainly are very promising. Mr. S. who has an eye for a good horse, is so well pleased with them that he will continue to use this horse this season. We also saw here two two-year-old mares, bred by Mr. George Stuart, of Grand Blanc, and both sired by the Percheron stallion Count Rotru. One is out of a half-bred Percheron mare, the other from a half-bred Clyde. The three-quarter bred Percheron is an iron grey, the other is nearly black in color. They will make a rattling team, powerful, active and gamey. These young mares will also be bred to Allegan, and, barring accidents, Mr. Sprague will have a pair of colts that will be good enough to show in any com-

It is a subject for congratulation that the farmers of Michigan are using Percheron blood so liberally on their stock. It will result in giving this State a class of draft and general purpose horses suited to its requirements, and always in demand. It does not look as if the breeding of this class of stock could be overdone.

Horse Gossip.

On May 8th, at Lexington, Ill., seventeen head of imported Percheron mares and fillies were sold by auction, realizing \$11,780, an average of \$750 for each.

SMALL HOPES, once owned by J. C. Deyo, of this State, and later by W. H. Vanderbilt, of New York, was sold at Clevelan I last week for \$490. The purchaser was E. A. Agno, of

8. A. BROWNE & Co. of Kalamazoo, on May 3d had the misfortune to lose their two-year old stallion colt, Scottish Rite. He was entered in all the two-year-old stakes to be trotted in Michigan this season, and was a very promising

THE National Horse Show Association of America will hold its second annual show of horses at Madison Square Garden, May 27th, 28th, 29th and 20th. The advance copy of the premium list shows an increase of prizes in the regular classes of \$6,980. The total amount given in prizes in regular classes this year amounts to \$17,450, the largest amount ever offered by any similar association for a like The catalogue will embrace 121 they comprise every breed and degreee of breeds of horses.

THE trotting stock sale of J. C. McFerran and R. S. Veech took place on Wednesday last at Glendale Farm, near Louisville, Ky., and was largely attended by stockmen from all over the country. McFerran sold 27 horses for \$24,930, averaging \$923 apiece. Among the this is full, the strainer is removed and number was Day Dream, record 2:21%, sold for \$6,000, and Woodford Wilkes, a two-year-old, for \$4.800, both to Mr. Rockfeller of New York. Veech sold 30 head at \$17,880, averaging \$595. Fennie Sale, a three-year-old filly, was sold to Mr. Rockfeller for \$5,100.

Turf and Track.

THE meeting of the Coldwater Driving Park Association opens at Coldwater on Wednesday. May 14, and continues for three days. The various classes are well filled.

THE entries for the summer trotting meeting at Dexter Park, Chicago, have closed with 200 nominations. The most noted trotting and pacing horses now on the track are among the

REPRESENTATIVES of the Fair Associations of Peoria, Quincy, Bloomington and Jacksonville recently met in Springfield and formed a Central Illinois trotting and racing association circuit. The racing commences August 18 at Quincy, and terminates at Peorla September 19. The entries close August 9.

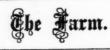
THE managers of the Charter Oak Park, Hartford, Conn., announce 13 subscriptions to the 2.20 class race of the grand circuit meeting for which a \$10,000 purse was guaranteed. This insures stakes of \$13,000, provided all the subscribers complete the entrance fees of \$1,000 each. The purse will be divided into four stakes. Horses must be named on or before August 12.

THE Stewards of the Grand Central Trotting Association met at Rochester recently and arranged a programme of dates for the season. They are as follows: Pittsburg, July 15th to 18th; Cleveland, July 29th to August 1st; Buffalo, August 5th to 8th; Rochester, August 12th to 15th: Hartford, August 26th to 29th; Providence, September 2d to 5th; Albany, September 9th to 12th. The classes and purses are as follows: First day-2:21 trotting, 3:22 pacing, 2.30 trotting. Second day-2:25 trotting, 2:17 pacing, 2:23 trotting. Third day-2:17 trotting, free-for-all pacing. Fourth day -2:19 trotting, free-for-all trotting, 2:27 trot-

THE meeting at the Hamtramck Driving Park, under the auspices of the Detroit Driving Ciub, will include the following events and purses: June 24-2:50 class, \$600; 2:23 class. 3700; three-year-olds, \$200. June 25-2:19 class, \$800; 2:34 class, \$600; 2:22 pacing, \$600. June 26-2:26 class, \$700; 2:30 pacing, \$600;

2:30 class, \$700; free pacing, \$1,000. The premiums are to be 50, 25, 15 and 10 per cent of the purses. All races will be the best thre heats in five, in harness, excepting the three year-old race, which will be the best two in three heats. Jay-Eye-See and Maud S are barred from the free trot, Gurgle from the 2:30 pace, and Johnson from the free pace. Entries will close June 9, at 11 p. 10. D. J. Campau is the Secretary of the Club, with whom all entries must be made.

Compare the dose and quantity of Hood's Sarsaparilla and you have proof of its superior strength and cheapness. Try it.



Managing the Stable to Make Good Butter.

Henry Stewart, in response to an in quiry, gives in the Rural New Yorker his secure the cleanliness necessary to make first class butter:

"My plan is as follows in detail: have 15 stalls in my barn in one row; the floor is four feet six wide; the cows are fastened by a strap around the neck having a ring in it, which is hooked by a snap to a horizontal chain, which slides up and down upon staples about a foot long in each post of the stall at the feed trough. I do not approve of stanchions, do not think cows can be kept so clean in them as with the above fastening, which I have had in use since 1864. The cows when standing will always get back as far as they can, and generally have their heels on the edge of the gutter, which I should say is 16 inches wide, and eight inches deep, with a five-foot pathway on the other side of it. The feed trough is on the floor. When the cow lies down she gets as far back as the gutter permits and the droppings fall into the gutter. The cows are bedded with sawdust, and all the waste of the feed troughs is thrown into the eutter: straw or coarse hay is also used to fill the gutter and keep the cows dry and clean. In the morning at five o'clock the man goes into the stable and gives the cows a bite of hay. While they are eating, if any have soiled themselves, the dung is scraped off with a knife made of hoop iron, kept for the purpose.

He then scrapes the floor with a broad hoe made on purpose, having a 10-inch heavy blade, bringing the manure or any soiled litter into the gutter. There are two trap-doors in the gutter, and the manure is drawn or pushed through these into the cellar, when the doors are closed and the floor and gutter well littered with sawdust, about two bushels being used. All this takes about 15 minutes. The cows are then carded and brushed as clean as a carriage horse, their udders are well cleaned with cloths of bagging, and, if necessary, they are washed clean with a a cloth and water, and then wiped and dried with a dry cloth. This takes not over 20 minutes, as it is rarely the case that more than one cow needs much labor

to clean her. "The fodder, cut over night in readiness, is wetted, and the proper allowance of meal, measured out the evening before, is mixed with it, and each cow gets a bushel basket of it. As soon as this is distributed (which takes about 15 or 20 minutes more), the man fills up a large basket holding the feed for the horses, and carries that to the horse stable close by. He then feeds the calves and bull in the same way; these are in pens close by, and in an hour it is all done, so far. At six o'clock he goes to wash himself and get his break fast; while he is away the milking is done. When living upon the farm, I milked alf the cows and the hired man's wife or classes, 16 classes more than last year, and an assistant milked the others. The milkers' hands and clothes are clean, and each milker is furnished with a towel to wipe the cows' teats and udders. As each cow is milked the milk is strained into a deep pail through two strainers, one in

the milk pail and one in a loose strainer, which fits the top of the deep pail. When the cover is put on. In about an hour the cows are all milked, and the milk put away in the milk-house or the milk-room, when it is set in shallow pans, as is the case in the winter. The horses are then cleaned and harnessed; the bull is brushed down, and any other work is done, and the man goes to his farm work. In the summer the cows are turned out into the nasture after having had a feed of green fodder with their meal; in winter they stay in the barn until noon, when they are watered in the yard at a trough filled with spring water, and are fed in the vard, if the weather is fine, or in the barn,

if it is foul. "My practice with my cows here, which feed, clean, and milk myself, is precisely the same, and I should have no hesita tion in drinking the milk as it comes from the cows without straining at all, even just now when the cows are sheddaily. The same routine of feeding, etc., work finished."

The Island of Jersey and Jersey Cattle

In response to an inquiry from a subscriber, the Indiana Farmer furnishes the

following: "The island of Jersey is one of a group of four, the four being Sark, Alderney, Guernsey and Jersey, lying in the channel between the south coast of England and the northwest of France. Jersey is the original home of the Jersey cattle, which are probably descendants of some native breed of Normandy, but which undoubtedly acquired their distinctive teats should be of good size, and only characteristics under the skillful breeding have a single hole in each; we have seen of the islanders. Some Jersey cattle, im quite a number with teats having two properly called Alderneys, are found on holes. The hair should be fine and soft, Alderney island, but they are the progeny while the skin should be pliable, and alof Jersey importations made many years | most as soft to the touch as velvet or kid. ago. The original Jerseys were bred on In color it should be tinged deeply with Jersey island. The island itself is about yellow, especially on the shoulders and eleven miles long by five and one-half flank and along the back. Color of the to be seen and to receive its handful of salt. wide, and is blessed with remarkable hair is a secondary matter, though the After this treatment it is seldom that any free-for-all, \$1,000. June 27-2:40 class, \$600; fertility and a comparatively even climate. cows are generally yellow, fawn, gray or thistles are seen the second year.

The cultivated portion of it is divided into white, with dark marks edged with yelsmall farms of perhaps an average of 15 low. Black cows but seldom prove to be acres; rarely do they exceed 60. The good general purpose ones, though of population amounts to about two persons per acre, and added to this the live stock of different kinds will average about one head per acre, thus making the total amount of animal life to be sustained by so limited an area unusually great, and requiring the most skilful economy of pro-

luction and consumption. "For hundreds of years the Jerseys have been closely bred with but one object in view; that is, to produce the largest amount of rich and highly colored cream from a given amount of food; and in furtherance of this plan, every precaution is taken to prevent the introduction of any blood that may deteriorate the rich qualities of the pure bred Jersey. The importation of live cattle, other than for beef, on Jersey island is prohibited by law, and any violation is punished. The low grade of beef produced by the Jersey is of course largely the result of the fact that beef production has been entirely ignored, and probably also the best milking and beefing qualities are incompatible-although this is a disputed point. At any rate, the long continued close breeding, though not exactly in-breeding, has doubtless had a very great influence in lowering the constitutional vigor of the

"In regard to the islanders' method of feeding, but little need be said. Any sucessful American stock raiser knows as nuch about feeding as they do, and has far greater facilities for raising and feeding what he wants. The Jerseyman's space is limited, and his choice of food 20 acres, he generally crops in this way: Hay and pasture ten acres; turnips two; mangolds one; parsnips one; carrots threefourths; potatoes two; wheat three and one-fourth. He will keep two horses, 12 his cattle upon hay, parsnips, carrots, turnips and mangolds; he carefully tends them and milks them twice, often three times per day. He shelters them in inclement weather, and takes the best of care of them in all kinds of weather. He economizes pasture by tethering his cows, driving the stake in a new place once or twice per day. Altogether the Jersey cow has little reason to complain of her lot, for she is well fed, well cared for and specified amount of grass, etc., an office

for which she is admirably fitted." Lasting Qualities of Ashes as a Fer

tillzer. F. D. Curtis, of Saratoga Co., N. Y. says, in a letter to the Rural New Yorker: The Hon. N. M. Houghton, the sheriff of Saratoga Co., N. Y., is a large grower of rye. His crop, the present season, is 1,200 bushels. His soil is sandy, and some sort of fertilizer is need to produce the crop. He has an opportunity to purchase wood ashes from a wood-pulp mill near at hand, and contracts for the entire amount produced from the fires that run the engines. These ashes he drills in with the seed at the rate of five bushels to the acre. These five bushels of ashes give him better yields than 200 pounds of superphosphates drilled in on the same amount of ground. Another advantage is that the ashes are not exhausted in one year, but are grad ually improving the producing capacity of the soil. In this connection, I noticed the past summer, in the corner of a field near my place, the difference in the growth of the grass almost to a line where two loads of ashes had been spread more than 50 years ago. There was double the amount of grass on the ground which has been covered with ashes. This field, once densely wooded, has been cleared and cultivated nearly 100 years. Undoubtedly the ingredient most lacking in this old region is potash, especially on the sandy and sandy-loam lands. The notash will hold out longer in the clayoam, but be lacking also in the mucky lands which have been cropped so long. How much material goes to waste on every farm, which might be used as bedng, or go into the compost heap, or be burned for the ashes. In one of these three places almost everything can be turned to good account.

Marks of a Good Cow.

Those who keep but one or two cows naturally want them for general purposes, do not want a mere butter cow nor vet a mere milk animal, but one which combines both in as great a degree as can be found. Such cows are not plentiful, we admit, or at least are not often for sale, at a moderate price, so that when they are offered, it behooves would-be purchasers to be able to tell them.

We do not believe in very small cows,

nor yet in large, heavy animals, as neither, as a rule, are capable of filling the ding their coats. This makes it necessary | bill, the former too often falling short in to exercise more care in carding and the quantity, while the large ones are apt brushing, and especially in cleaning the to run too much to flesh to make them card and brush occasionally. I should profitable dairy animals. The medium also say that I keep a street-sweeper's sized ones invariably produce the best broom in the stable, which is swept out results, and a heavy milker and a large butter maker is seldom fat, as the mais begun at five o'clock, and at six I ex- jority of the food she consumes is conpect everything is done and the day's verted into milk and butter. The head should be fine and bony, with small horns, large mealy nose and shapely ears. The base of the horns and the inside of the ears should be of bright golden color. We have never yet seen an animal with horns and ears well colored (golden vellow) which failed to make a fine quality of butter and highly colored. It is an unmistakable sign. The body should be of good size, and the width and depth rapidly increase as it runs to the rear or hind quarters. The milk veins should be large and prominent, and the udder need not necessarily be large, so it is not meaty, but is very small when milked out. The

course there are exceptions frequently met with.

Superphosphate of Lime.

A correspondent of the Ohio Farmer tells how to make superphosphate of lime Take a large tub or barrel, and put into it 100 lbs. water; add, very slowly and cautiously, 43 lbs, of pure sulphuric acid You must be very careful while handling this article not to let it touch your skin or clothing, as it will instantly blacker the skin and destroy the clothing whereever it comes in contact, and when mixed with water it engenders a very intense heat. Into this mixture throw 100 lbs weight of bones, no matter how old or useless they may be. The sulphuric acid instantly attacks and enters into combination with the bones, reducing them to a pasty consistence, and completely dis solving them. Keep under cover and turn them over occasionally, while the process is going on, and when completed dump out the whole contents on the barr floor or on a platform of boards, and thoroughly work into the mass four times its bulk of dry bog earth or dry road dust; mix and pulverize completely with a depreciating flesh and fat production, and wooden shovel. The bog earth acts as an absorbent or dryer, retaining the fertilizing properties of the compound, and rendering it easy of uniform distribution. If whole bones are used, it will take six or eight weeks to dissolve them. If they are broken with an ax, they will dissolve in about three weeks. If they are ground in a bone mill, four days will be sufficient. This manure is the most powerful fertiliz crops is also limited. If he has a farm of er in existence, and when made by these directions is the cheapest, as one ton is equal to thirty-two tons of barnyard manure. For top-dressing grass lands, use 300 lbs. per acre; for corn, potatoes beans, turnips, etc., apply 450 lbs per acre head of cattle, and two pigs. He feeds in the drill, mixing with the soil. For wheat, rye, oats or barley 400 lbs. per acre. Harrow in with the seed. For buckwheat, 300 lbs. per acre.

Fancy Cheese Making.

The following is the pith of an essay or 'Fancy Cheese Making," written by T. D. Curtis, of Syracuse, N. Y.: "Pure, whole milk from healthy cows

n sweet pastures, or fed duly balanced has no fear of the butcher, while her sole rations in stalls, is requisite. The more duty is to daily extract the cream from a directly it goes to the vat the better. If kept over night reduce the milk to 65 deg. An agitation to keep the cream from rising is desirable. Mix night's and morning's milk when ready to work. If cream is to be incorporated, warm it and pass it through a wire strainer. Heat the nilk slowly to 84 deg. or 86 deg. Add our coloring matter and rennet enough o begin coagulation in ten or twenty minutes, as desired. Cut the curd as soon as it can be done without waste, as fine as beech nuts. Slowly raise the temperature, gently stirring it the while, to 98 deg. Hold it there to the end. Draw the whey as soon as there is the least sign of acid, or before. Get sufficient rennet action to expel the whey before the acid develops. This prevents the phosphate from washing out, and insures a digestible cheese when properly cured. If you cheddar and grind, or not, thoroughly stir and air the card, to get rid of bad odors and develop flavor. Put to press not above 80 deg., and place in an eventempered curing room at 65 deg. to 70 deg. Avoid direct draughts of air and carefully turn and rub the cheese, which will be prime.'

Agricultural Items.

THE American Cultivator says that it is well after planting potatoes to drop a few cut pieces on the surface of the ground. This will at tract the potato beetles, which may then be destroyed. The beetle rarely eats the potato. It is attracted to it to deposit its eggs.

THE members of the Indiana Wool Growers Association discussed questions pertaining to their interest at their annual shearing festival. All recommended a tobacco dip for ticks on sheep; one pound of stems to three gallons of water was the formula recommended by one large sheep farmer. Dip after shearing, and use the dip as hot as the sheep can bear it.

A LARGE potato-grower, who has experimented in regard to methods of preventing the disease in potatoes known as "the potato rot," has found that fine sulphur, applied to the s:ts, is a certain preventive. He dusts the sets as they are cut and while damp with flowers of sulphur, and then plants them, and he state that the crop is entirely free from disease.

A CORRESPONDENT of the Indiana Farme says one frequent cause of failure in sorghum raising has been to put the seed in too deep. Half an inch is deep enough. An extensiv planter in Kansas drops in hills and covers with his foot, being careful to firm the dirt over each hill by gentle pressure. In drills one plant to six or eight inches, and hills in the same proportion.

T. B. TERRY, a practical Ohio farmer, whose farm of only 55 acres has yielded him some what over \$3,500 net in three years, says "If you have 200 or 300 acres of land, and are only just about making a living on it, sell half, and make more money with less worry from the other half. If you have not the capital to stock with improved breeds of cattle, sheep and swine, sell part of your land and ge

THE American Cultivator says: "Do no plow too deep when plowing for corn; six inches is usually better than nine, and thirty or forty loads of manure to the acre is apt to give as profitable a crop as more manure. Es pecially is this true when the manure is well rotted and harrowed into the surface soil instead of being plowed under. The stalks may not grow so rank and there may not be as much fodder, but the grain crop will be greater in proportion.

A WESTERN farmer manages the Canada thistle in this way: He keeps about two hun dred sheep, and whenever he discovers a patch of thistles he salts the sheep there, putting small handful of salt in each thistle at the root. Besides the action of the salt, which tends to destroy them, the thistles are eaten by the sheep close to the ground, and after one or two saltings the grass among the thistles, as well as everything else that hides from view has been eaten off so that each thistle is easy NEW ADVERTISEMENTS.

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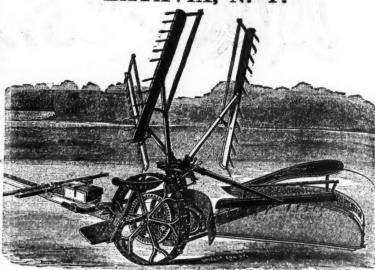
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J. W. LUCAS, Battle Creek, Mich RMSonJames River, Va., in a Northern Settlement. Illus. circular into J. F. MANOHA, Claremont, Va

THE VEGETABLE GARDEN.

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BY PROP. W. W. TRACT.

Is Not Market Gardening More Profitable Than Farming? Assuming that both are carried on un-

der the most favorable conditions, gardening will give a larger per cent of profit for both the capital and labor invested. Is It Not Easier Than Farming?

The labor does not require so much strength, but is more constant, with less chance for rest, and its omission for a single day is more injurious. The gardener must make more hours in the day and more days in the year than the farmer his work corresponding to that of the woman in the old saying: "Man's work is from sun to sun, but woman's work is never done."

Does the Gardener Require More Ability, Special Skill, or Knowledge?

The mental work is like the physical, ight but incessant. The successful gardener must have an active mind, quick to see the essential thing in a method of cultivation, and to decide quickly which of the many things which ought to be done. needs doing the most. He does not need to know about so many things as the

Is Not the Life of the Gardener Pleasanter Socially Than That of the Farmer?

No. Although the gardener is nearer town and its advantages, yet his immediate neighbors and facilities for enjoying school and church privileges are generalvinferior to those of a farmer in a good

How Much Capital is Needed to Start in Market Gardening?

One may commence and grow into a good business on any amount down to a five cent paper of seeds; but to secure a profit, the capital needed is about as

Family expenses for 18 months. One horse and his food for 18 months,

per each ten acres planted. Labor of two men (including proprietor) for 18 months and of one for six months for each ten acres planted.

One hundred dollars per acre for stock of seeds, manure, etc. We make no mention of land, as usually lands used for gardening are high priced, because so near the city, and such property should be considered as a separate investment, and made to take care of itself. The rental should not be based upon its value for building purposes, but upon its value as agricultural land.

Is There a Constant Demand for Vegeta-

Yes. There is an unlimited demand for good vegetables; but you must always create the belief that you can and will supply this demand before you can meet with a ready sale.

What is the Best Location!

This will depend in a great measure upon the kind of work one wishes to do, as market gardening can be divided into two very distinct classes; the first a wholesale, where the grower produces those crops for which his soil is best suited, and sells in quantity to hucksters in his own or neighboring city; and the line of vegetables and supplies his customers directly. For the first the essen tials are a soil well suited to produce some particular crop in perfection (it matters little what this crop is provided it can be produced cheaply, and of the best quality, and can be shipped). Proximity to and easy communication with some large city and good shipping point from which especial freight and express rates can be obtained. An abundant supply of stable manure.

For the second class, the most essential thing is a warm, rich, friable soil; also facilities for obtaining manures; an abundance of water for washing, and an easy road to your point of delivery.

What is the Best Soil? For successful gardening, it is essential

that the soil should be friable, welldrained, "sweet," rich. It must not be a tenacious clay, very light, or a "sour" muck, or soil that is underlaid with porous sand or with quick-sand; but generally, any other lands, although naturally poor, can be made into good gardens by draining, cultivation, and manure. There is little objection to land that is foul with annual weed seeds, as, if the vegetables are as thoroughly cultivated as they should be, the weeds will do little harm. Is Stable Manure Essential; Can We Not

Depend upon Commercial Fertilizers? Market gardening cannot be carried on successfully for any length of time without the use of stable manure, or of green manuring, and it is very rare that the last can be successfully used. While good vegetables cannot be grown without manure, yet the soil cannot be considered as ar inert machine into which we place manure and take out vegetables, for we need not only the manure of the present season, but that (or the effect of that upon the soil) which has been applied for several previous seasons. To grow good vegetables, the effect of manure upon the soil is more essential than the mere plant food supplied by that manure, and this influence upon the soil, giving us what we may term "matured fertility," is not supplied by commercial manures. They are invaluable aids to the gardens, but must be used as auxiliary to, rather than as substitutes for, manure.

How and When Shall the Manure Be Applied?

The object should be to get the greatest possible surface of manure in contact with the greatest possible surface of soil, and this can generally be secured by cultivating in fresh manure before plowing, and in some cases, harrowing or raking in a top dressing of commercial manure just before planting. The amount of manure should be about uniform each year, and if at commencement the soil is very poor, little good will result from the application of more than about the yearly measure than if allowed to remain unthinned. In mentation. Some persons of late years diseases, not so old, but good.

supply, as the excess will be practically wasted unless it is supplemented by the effect of manures applied previously. For most garden crops we need from 75 to 100 loads per acre each year for the best results.

What Crops Should Be Planted the First Year?

The ground should be well manured, aking the utmost pains that the manure is evenly distributed through the soil, thoroughly plowed, and planted to some coarse crop like corn, which permits of frequent and thorough cultivation. The more perfect the cultivation the sooner will the ground be in good condition for vegetables. Then also should be planted small lots of a larger collection of different vegetables and their varieties, that one may learn their habits and qualities. and be prepared to make larger plantings the next year judiciously. The first year should be largely spent in preparing the grounds, and in gaining knowledge for the real commencement of a market garden the next season .- Horticultural Report for 1883.

Catching the Curculio.

Prof. A. J. Cook, in the N. Y. Tribune. thus describes the apparatus with which he conquers the "little Turk" in his plum orchard:

"A sheet of common factory cloth should be spread on a frame convenient for handling and should be large enough farmer, but must know more perfectly the to catch anything which may fall from a tree. I have only four trees, and my sheet is twelve feet square. Along one edge it is tacked the whole length to a light strip of pine. On the opposite edge it is tacked to two pieces, each half as long as the edge of the sheet, the break being in the middle. From this pointthe center of the edge tacked to the two pieces-the sheet is open to the center. This makes it easy to pass the sheet immediately underneath the tree.

"In case of large orchards, it is better to have this sheet with a frame carried on wheels, or so fastened to the shoulders as to be carried easily through the orchard. good plant, and work to the greatest Besides the sheet we have a strong heavy mallet. This may be padded with carpeting-the one I use is thus made-or we may drive spikes into the trunk or main branches of the trees, and strike these. when the padding is better omitted. The point to be considered is to give each branch a sharp blow, without doing it any injury. The time to begin this warfare is just as the calyx crowns begin to fall from the plums, or as soon as the little crescents or curved cuts are seen on the plums.

"These little curves are made by the curculio as she lays the fatal egg. For the past four years I have found the crescents just as the blossoms-calices-were falling off the plums. The fighting should be done either very early in the morning or late at night, as is most convenient—as early or late as daylight will permit. We spread the sheet under the tree, and then more showy and fragrant than the petustrike the trunk, or each of the main branches in case the trees are large. A sharp blew is required, as only a sudden jar will surely fell all the little beetles to the sheet. This is why we need the padded mallet or the spike.

"As soon as the branches have all been jarred, we examine the sheet carefully for the insects. These look so much like the little buds that will be dislodged by the same blows, that only sharp eyes will detect them. At first pick up everything that looks like a little bud, and determine by close inspection whether it be bud or second, a retail, where he grows a full weevil. If the latter, it will soon begin to move when taken in the hand. We

My two little children are a great aid in finding the curculios as well as in helping to move the sheet. To kill the weevils, we crush them between the thumb and finger. This is quick, sure, and not disagreeable, as the beetles are

The Cream Gauge.

A western exchange gives the follow-

ing: The Chariton, Iowa, creamery has rendered the cause of honest, progressive dairying a great service, by a series of experiments made in October last, to determine the reliability of the much vaunted standard cream gauge. It has been knows, that an inch of cream in a stand. ard can-the model after which the Fairlamb can, for instance, was made-would yield a pound of butter, and so a creamgatherer would gives his patrons credit for so many inches of cream as he found on the cans as he went to skim them. It was soon found that this was not a reliable measure; some patrons were paid too much and some not enough for their made with 36 patrons. To the surprise, probably, of every one interested, it cream yielding just 16 ounces of butter, the range was from 8 to 24 ounces of but cream; one yielded 8, and three 9 ounces. Of those which yielded more than a pound ranged between 16 and 20 ounces, two relegated to the catalogue of dairy myths, tests of each patron's milk or cream, and pay accordingly, and to this every well ordered, successful gathered cream creamery will, or has come, until some thing equally reliable and more simple in management is devised, for no system can long survive which pays one man much less than his milk or cream is worth. and another as much more than its true

Make a resolution that you will unburden your trees-not rob them-of at least half a crop if full of young fruit, and even when the crop is short do not allow too many on any one branch. Keep each specimen apart and give it a fair chance for superiority. You will be sur prised to find your favorite peach tree, with

their just due, and the cream gauge does

not give it.

FLORICULTURAL

Rose slugs, which defoliate the rose hellebore, about a tablespoonful to a pail

"Orus orus" in the N Y Tribune. says a well deserved "good word" for one of our own garden favorites: "There is not a flower that will continue more abundant bloom than sweet peas, or combines such a variety of bright harmonious colors with most delightful fragrance and stems so long and firm, and carriage so good as to make them the best flowers for hand or vase bouquets-well-named "posy-peas." A hedge of them, dividing a portion of the garden, or a mere separate pillar is a beautiful object, and those who desire one of the cheapest, simplest and most effective of garden adornments to last the season through and attract every one by its beauty, and its constant offer of fresh flowers, should read these directions twice. Good supporting brush, copious watering, and picking of the flowers or otherwise preventing much seed-forming, are, with a than when grown in a hot-bed. wide bed of good soil, the essentials to complete success."

leading hardy perennials, mentions some especially to be desired, saying: "Earliest of all are the small bulbous plants, first of which is the snowdrop (Galanthus), which, at the North, throws up its masses of white blossoms in the latter part of retain their hold of the soil for twenty years or more without replanting. A little later the many varieties of crocus make their appearance, and these are as tenacious as the snowdrop. Nearly as early is the small pinkish purple Bulbocodium vernum and the Siberian squill, the latter retaining its place where planted for many years, and its deep, liquid blue flowers possessing remarkable beauty. Although these plants are hardy, they succeed better and bloom earlier if protected with a slight covering during the cold of winter. The Persian iris, al though less hardy, is valuable on account of its extreme earliness (blooming with the crocus) and its delightful fragrance. A number of other species of iris extend their blooming season two months longer, a number of which are remarkably hardy and free growing without special care. Many hybrids have been produced between some of the species."

"ELM" says in the Rural New Yorker: Of all the flowers of my acquaintance, not one blooms more profusely and more persistently, with less nursing, than the petunia. Its bright, upturned flowers are always open and fragrant, and its period of bloom is only limited by frost. Noth- soil manured heavily in the hill. ing in the flower garden or on the lawn is nia bed: no flower submits more patiently to ignorance and neglect in its culture. It is objected that it is not pretty in honouets. Of course its delicate bell shaped flowers cannot submit to being crowded into a bunch, and its stems are not long enough for convenience. A few of the brighter-tinted flowers, however, placed by themselves in a vase, and garnished with pretty leaves, are by no means an unpleasant sight, and they will remain fresh for several days. The paler colors, it is true, are not attractive, but with a careful selection of seed, there is not much occasion for growing these. I once slipped a few of the finest flowering plants are exceptionally great in time of drouth. soon get so we see the insects very quick. early in autumn, and kept them during commenced blooming, and by placing all the pots in a group I had a most brilliant display throughout a large part of the winter. About March 1st the plants having grown very large, I cut them all back to within a few inches of the pots. In a few days they were as brilliant as ever. In May I removed them to the flower garden, where they were the first flowers, and they continued to bloom profusely until the middle of October."

The Garden and Yard. Fences and side walls of houses as well as common stone walls, would greatly claimed, as every western dairyman add to the appearance of a place if covered with the woodbine and climbing roses. Some people prefer the former, the bloom of which is profuse and its perfume delightful. The climbing roses, however, are various and a choice may be made of them, or several can be grown at the same time. For this purpose the Queen of the Prairie is a favorite, though its rose is not equal in beauty to some others. For a covering of a trellis placed to screen a cream. To settle this question beyond front door, we know of nothing equal in dispute the Chariton experiments were delicacy and beauty to the clematis, which when in bloom is very pretty, and at all times is a pleasant sight. A lilac is alit was found that instead of each inch of | ways worth a nook in the garden or yard, on account of its rich fragrance when in ter to an inch of cream. There were ten hardiness, and never requiring any attenpatrons whose cream yielded 12 or less tion beyond a little annual pruning. than 12 ounces of butter to the inch of Perennials should be so selected that there may always be a regular succession of flowers on them throughout the season; to the inch, there were eleven which but this requires much care; still when once established they will not need much went over 20 ounces, one giving 22 and labor afterward. These will give to a the other 24 ounces of butter to the inch small garden and yard a delightful apof cream. Hence the cream guage is pearance through spring, summer and most of autumn. The true Japanese and the next best thing is the frequent honeysuckle is a climber of very delicate and elegant foliage, beautifully mottled and well adopted to small trellises. Where a garden adjoins a blank wall of any magnitude, there should be a creeper to completely cover it, the effect upon the appearance of the whole being well worth the trouble of establishing it there to screen an unsightly object. The ivy, though a great favorite, is too slow of value. Honest men want only and all growth for our fast people. The Virginia creeper is the most rapid runner we know

of, bearing a beautiful blue flower and maturing fine rich clusters of berries. Indeed, we know of no running vine to

compare to this, as it is perfectly hardy and requires the least possible attention. Of flowering shrubs we prefer those of delicate blossom or rich foliage, a coarse flower or common leaves being in our tury the most popular and the best Cough Rem independent unsuited for purposes of orna-edy known. Also Baxter's Bitters for Bilions

prefer to have costly exotic perennials brought out from hot-houses in large tubs in summer, and set in the centre of a bed bush, can be exterminated by syringing in the garden, or upon the lawn, or at the the bushes with a decoction of white end of a terrace. In some cases, but by no means in all, this is done with considerable effect. But it depends altogether upon the selection of the plants, but very often it loses its best effect by being too artificial. It is also expensive and much more trouble than the other newer style of beautifully formed beds in yards or lawns, of mixed flowers and rich, ornamental plants which always and deservedly attract much attention and favorable comment.-Germantown

> Prize Essay on Celery Growing. Mrs. C. H. Root, Ripon, Wis., in an essay on celery growing, in which she has been very successful, gives her method

Telegraph.

as follows: 1st. Send where you will be sure to get

2d. Prepare a seed-bed out of doors in a sheltered situation. You will get your plants early enough by so doing, for they grow much faster and are much stronger

3d. Sprinkle the bed often to keep it moist, and when the young plants are about three inches high transplant them THE Country Gentleman, in a list of into rows, putting them about three inches apart in the rows, and the row about one foot apart.

4th. When the plants have become stocky, have a trench dug about one foot deep, put into it equal parts of woodashes and good rich dressing, and rich March, and we have known the roots to black soil, and work all together with a

5th. Set the plants about five inches apart, and be sure to straighten out the roots and press the soil firmly about them. 6th. Sprinkle them enough to keep them fresh until they are firm in their places, and then give them all the water

you have a mind to, the more the better. 8th. When they have made growth enough to cause the branches to lie over, hill-up enough to hold the stalks erect. Continue the hilling process at intervals of two weeks, all summer, being careful to do it when the weather is dry, and in the afternoon when the dew is off. Be sure, when hilling, to hold the stalks together, to prevent the soil from getting into the heart of the plants.

9th. Such portion as you wish for early celery bank to the top by the first of September: for winter use bank to the top from the first to the middle of Octo-

Horticultural Notes.

J. T. LOVETT says ground bone is an excellent special fertilizer for raspberries.

A GEORGIA melon grower writes that he finds the best success on the thinnest sandy

A CORRESPONDENT of the London Garden kills weeds in his lawn by putting a handful of salt on each plant, just after the mowing, which kills the intruder and in a few weeks the grass is grown in its place.

A FARMERFof Albany, New York, whose

three main kinds of raspberries are the Highland Hardy, Philadelphia and Cuthbert, says he has raspherries for more than nine weeks his sales continuing from July 7th to August J. M. SMITH, president of the Wisconsi Herticultural Society, says in the New York

THE Rural New Yorker says the plum tree prefers a heavy clay loam. In soils of lighter texture, particularly such as are sandy, the fruit is liable to drop before maturity. Re member the efficient and easy remedy for black

Tribune, that he is firmly convinced by num-

erous experiments of the great value of wood

PROF. A. J. COOK says that in testing an alleged remedy for the curculio which consisted in wrapping cloths about the trunks of the tree and keeping them wet with carbolic acid with the tree, which died from the effects of the application.

PROF. JOHNSON, who has experimented with peach twigs affected by the yellows, finds in them a poverty of ash-ingredients, less lime magnesia, potash, soda, phosphoric acid chlorine and sulphuric acid than the healthy wigs had. The diseased twigs have a prepon derance of silica and oxide of iron.

FARMERS sometimes plant the stumps of call bage for seed; but the product is generally not worth planting. The secret of success in growing good cabbage seeds is in planting large, well-formed heads with the roots attach ed. It is this necessity for using the head that will always make good cabbage seed expensive

BEANS should not be put in until the middle of the month, and if the ground is cold and wet it will be well to delay even longer, as the seed often rots in the ground if put in too ear ly. Even where a few early plants do come up bloom, its early flowering, its perfect and escape frosts, they seem to lack vigor, and often are not as early in bearing and seldor as productive as those planted later.

> THE American Cultivator says: "Corn to be used green should be planted at inter. vals of about a week in order to have it fit for eating during the season. There is but little gain by getting it in very early; but in ordin ary seasons the ground, if fit for garden use hould be so that the first lot may be planted early in May. Marblehead Early has a repu tation for being the earliest good corn and the best early corn.

THE Massachusetts Ploughman says: "Un like deciduous trees evergreens cannot be removed in the autumn or early spring with any great certainty of success, but it is better to remove them just before the new buds break open; removed at this time, if the work be properly done, not three per cent will die. In transplanting this class of trees, a ball of earth should always be removed with them, so as not o expose the roots to the air."

A Long Snoose,

Rip Van Winkle slept a good while, vet had his sleep occurred about 50 years ago, when Downs' Elixir first attained its reputation, or awaking he would have been able to recognize this friend of the afflicted, and might have taken another twenty-years nap, and waked up to find Downs' Elixir at the end of half a cen

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NEW ADVERTISEMENTS.

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AYER'S SARSAPARILLA has made a new man of me." [Cured by it of General Debility.]

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SARSAPARILLA has been so efficacious." [Cured by it of Feminino Ailments.] JOHN J. RYAN, Athletic B. B. C., Philadelphia, Pa.: "AYER'S SARSAPA-RILLA cured me." [Cured by it of Rheu-matism.]

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NATHAN S. CLEAVELAND, Boston, Mass.: "A most valuable remedy for the lassitude and debility incident to the spring season." [His daughter cured by AYER'S SARSAPARILLA of Headaches, Dizziness, Indigestion, and General Debility.]

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FRANK M. GRIFFIN, Long Point, Texas: "Has worked like a charm; no medicine could have accomplished more." [His child cured by AYER'S SARSAPARILLA of Scrofulous Sores.] MRS. H. MCKAY, Lowell, Mass.: "I

can recommend AYER'S SARSAPARILLA to all afflicted." [Her son cured by it of Scrofulous Swellings, Dizziness, and Internal Fever.]

GEO. ANDREWS, Lowell, Mass.: "No doubt whatever that I owe my recovery to AYER'S SARSAPARILLA." [Cured by it of Salt Rheum.]

HENRY J. CHAPMAN, Nashua, N. H.:
"AYER'S SARSAPARILLA is a perfect
blood purifier." [Cured by it of long
standing and severe Scrofulous Humors.]

SELBY CARTER. Nashville, Tenn.:

'My system seemed saturated with Scrofila, but Ayer's Sarsaparilla has proved its superiority to all others." [Cared by it of Feminine Weaknesses.]

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FOUR PHYSICIANS FAILED. From Lieut. John Osborne, firm of Evans, Webster & Co., Boston: Two ... les of Adamson's Botanic Balsam effected a cure in my family that four

knot is to cut off and burn the branch affect- skillful) icians failed to do.

THREE SKILLED PHYSICIANS. I have had a troublesome cough for more than five years; and have had advice from three of the most skillful physicians, but I found nothing to relieve and cure me till I used Adamson's Botanic Balsam. Mrs. Geo. A. Robbins, Riverside, Me.

ne found the curculio playing the mischief From J. Frank Pierce, Periodical Depot, 133 Water Street, Augusta, Me. I am pleased to say that two bottles of your valuable Adamson's Cough Balsam, have entirely cured me of a cough of nearly a year's standing. I have tried many mixtures during that time without success.

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1418 Chestnut Street, Philadelphia, Pa., writes:

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Sarah E. Laughton.

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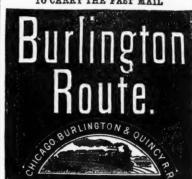
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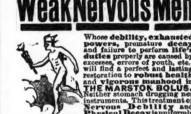


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DETROIT, TUESDAY, MAY 13, 1884.

WHEAT.

The receipts of wheat in this market the past week were 54,744 bu. against 42,-791 bu. the previous week, and 54,773 bu. for the corresponding week in 1883, and the shipments were 79,068 bu. The stocks now held in this city amount to 169,037 bu., against 209,776 last week, and 1.083,147 the corresponding week in 1883. The visible supply of this grain on May 3 was 21,199,290 bu. against 22,464,776 the previous week, and 20,707,249 bu, at corresponding date in 1883. This shows a decrease from the amount in sight the previous week of 1,265,486 bu. The export clearances for Europe for the week ending May 3 were 893,368 bu., against 1,068,765 the previous week, and for the last eight weeks they were 6,785,799 bu. against 8,-046,911 for the corresponding eight weeks

The course of the market the past week has been steadily downwards, although the fluctuations from day to day have been very light. Sales of cash wheat were 832 car-loads, the largest for a number of weeks, while the sales of futures were only 545,000 bu. It will be seen, therefore, that at present cash wheat attracts the greatest interest, and that prices are largely governed by the present requirements of the market. On Saturday the market closed depressed and at the lowest points for the week. Yesterday the market was very quiet at the opening. declined from Saturday's closing figures, again advanced under favorable reports from other points, and finally closed quiet at a decline on both spot and futures from Saturday's prices. Chicago was weak all day on account of the recent heavy failures in New York, and closed 21c under Saturday's prices. Toledo was quiet but firm at \$1,06 for No. 1 white, \$1.00 for No. 2, and 95c for No. 3 red. The failure of Grant & Ward, and a large manufacturing firm at Stillwater, Minn., and the fact that some banks are thought to be embar. rassed, has caused a sharp decline in wheat. This has been helped somewhat by the improved prospects for the growing crop since the recent rains.

The following table exhibits the daily closing prices of wheat from April 25th

		No.1 white.	No. 2 white.		No. 8
Apr 25		1 06	981/2	1 05%	
14 26		1 06%	99	1 06	53
66 98		1 07%	9914	1 0616	
44 20		1 07	99	1 06	
44 30		1 051/4			
	*** *******	1 0514	93	1 05%	90
		1 05	97	1 05%	
		1 051/4	98	1 05	
		1 07	1 0016	1 07	941/
		1 071/4	1 02	1 07%	/:
		1 07%	1 0216	1 0714	
		1 0714	1 03	1 061/6	95
		1 07	1 021/4	1 051/6	
		1 06	1 021/4	1 05	9514
		1 04%	1 01%	1 041/4	
	ros have	-			+h

decline in the various deals is greater than in cash wheat. The following table shows the closing prices of the various very limited. deals each day during the week:

	May	June	July	August.
Tuesday	1 071/2	1 06%		1 01
Wednesday	1 07%	1 0734	1 07	1 00
Thursday	1 071/4	1 06%	1 07	1 001/6
Friday	1 06%	1 06%	1 06%	
Saturday	1 05%	1 04%	1 05	99%
Monday	1 0516	1 041/6	1 041/	99

The following table gives the total amount of wheat in sight, including the visible supply in this country and Cana- | market are as follows: da, and the amount on passage for Great Britain and the continent of Europe, as compared with former years at same date:

United States, east of the Rockles Afloat on the ocean for Europe	heat, bu. 21,199,000 19,640,000
Total, May 8, 1884	40,839,000
Previous week	48,145,000
Total, May 8, 1883	45,887,000
Total May 8, 1882	
Total May 8, 1881	44,117,000

The following table shows the prices ruling at Liverpool on Monday last, as compared with those of one week previ-

ous:	Ma	cen		May 5. per cental.				
Flour, extra State Wheat, No. 1 white do Spring No 2'82	11s. 8s. 7s.	8	d. d.	11s. 8s. 7s.		d. d.		
do do do new do Western 1883	78. 78.	8	d.	78.	8	d.		

CORN AND OATS

The receipts of corn in this market the past week were 19,300 bu, and the shipments were 13,957 bu. The visible supply in the country on May 3 amounted to 12,128,123 bu. against 13,601,309 bu the previous week, and 16,168,898 bu at the same date last year. The visible supply shows a decrease during the week of 1.473.186 bu. The exports for Europe the past week were 682,694 bu., against 558,017 the previous week, and for the past eight weeks 5,011,262 bu., against 11.-948.523 bu. for the corresponding period in 1883. The stocks now held in this city amount to 14,930 bu., against 16,582 bu. last week, and 23,617 bu. at the corre sponding date in 1883. The market has ruled strong at an advance all week until grains, there was a rather depressed feel- in that market are as follows: ing apparent. Values, however, are considerably higher than a week ago, and

with light receipts and rapidly diminishng stocks, it is not likely prices will recede much from their present position. The low price of oats is the only thing that prevents higher prices ruling for corn. No. 2 corn is quoted here at 58c per bu. for cash, and 58c for May delivery; new mixed would command about 551c, and rejected 541c. At Chicago the week also closed with market depressed but values higher than a week ago. Cash No. 2 is quoted there at 54tc per bu., May delivery at 544c, June at 554c, and July at 57%c. It appears that operators generally regard corn as likely to advance in price with the season. The Toledo market is quoted dull at 581c for No. 2 spot. 574c for June delivery and 584c for July. The following statement gives the supply of corn in sight as compared with former years at the dates indicated:

	United States, east of the Rockies Afloat on the ocean for Europe	Corn, bu 12,128,00 1,920,00
ı	Total, May 8, 1884	14,034,00
1	Previous week	15,161,00
1	Total May 8, 1883	20,608,00
1	Total May 8, 1882	10,018,00
١	Previous week. Total May 8, 1883. Total May 8, 1882. Total May 8, 1881.	18,540,00

Reports from the West are to the effect that the present light receipts are likely holders to get rid of their stocks before rapidly under an active consumptive decorn to export. We regard corn as occupying the strongest position of any of the grains.

The Liverpool market is quoted firm 5s. 4d. for old do., an advance of 2d on new mixed, and 11d. on old do. during the past week.

The receipts of oats in this market the

past week were 18,242 bu., and the ship-

ments were 5,497 bu. The visible supply of this grain on May 3 was 3,675,659 bu., against 4,030,326 bu. at the corresponding date in 1883. Stocks in this city on Saturday amounted to 30,196 bu., against 43, 635 bu. the previous week, and 34,299 bu. at the same date last year. The visible supply shows an increase during the week of 354,667 bu. The market has ruled very quiet all week, and under a limited demand it is a little surprising prices did not decline. No. 2 white are quoted at 391c, a shade lower than a week ago, and No. 2 mixed at 36c. At Chicago prices are higher than a week ago. although on Saturday the market ruled dull and weak. No. 2 mixed spot are quoted there at 321c for spot, 321c for May delivery, 33tc for June, and 33tc for July. At Toledo the market is quoted dull at 34%c for spot, and same for May delivery; for June delivery 36c was asked. The New York market is steady at a shade lower prices. Quotations there are as follows: No. 3 mixed, 38c; No. 2 do., 39c; No. 1 do., 391c; No. 2 Chicago mixed, 401c; No. 3 white, 42c; No. 2 do., 421@43c; No. 1 white, 47c; Western

DAIRY PRODUCTS.

white, 43@46c; State white, 431@461c.

The markets everywhere have declined during the week, and at this point, except for a choice article, values are weak at the decline. For the best of the invoices arriving not over 24@25c is paid by the trade, although many butter-makers are realizing 28@30c from retailers and private families The quality of the receints is improving, which is attributable to the fact that grass is now furnishing a good share of the feed cows are getting. Old packed butter is a drug, and sells below the substitutes with which the market is stocked. At Chicago there has also been a decline in prices, and the market is said to be still tending downward.

Quotations in that market are as follows: Fancy creamery, 21@22c; fair to choice do, 18@20c; fancy dairy, 17@18c; choice dairy, 15@16c; fair to good do, 13@14; common grades, 11@12; packing stock, 8@81c. The New York market is quiet, with prices lower than a week ago. Receipts are light and stocks show no accumulation as yet, but the demand is reduced to such a point that buyers re fuse to take anything more than just sufficent for present wants. The market therefore rules in buyers' favor, and a still further decline in values would not be surprising. The foreign demand is State stock is quoted

there as follows:	
Creamery, fancy	@
Creamery, choice	@25
	@23
Creamery, fair to good	
Creamery, ordinary	@
Half-firkin tubs, best 24	@25
Half-firkin tubs, fair to good 22	@23
Welsh tubs, best 23	@
Welsh tubs, best	@22
Quotations on western stock in	that

Vestern imitation creamery, choice.... Vestern do, good to prime...... Vestern do, ordinary to fair....

The exports of butter from American ports for the week ending May 3 were 78,949 lbs., against 121,314 lbs. the previous week, and 144,884 lbs. two weeks previous. The exports for the correspondng week in 1883 were 135,777 lbs.

Cheese has come forward quite freely the past week, and there is less firmness in the trade. A good deal of new Ohio cheese, part skims, is being received, and is selling at 12@121c, while skims of same State are selling at 10c. Good full cream Michigan is selling at 13@131c per lb., the latter for a few popular brands. The Chicago market has also declined during the week, and on Saturday was still unsettled and tending downward. Buyers are holding off for further reductions, which are likely to occur, as receipts are exceeding the demands. Full creams are the firmest.

Quotations there are as follows: Full cream cheddars, per lb., 121@131c; full flats, 121@131c; flats slightly skimmed, 7@8c; common to fair skims, 4@51c; low grades, 1@3c; Young America, 18to per tb. The New York market is unchanged so far as quotations are concerned, but the firmness noted last week is no longer apparent. In fact it is all sellers can do to maintain rates on new cheese, while old is somewhat lower. The foreign demand is lighter than generally expected, although prices abroad are said to Saturday, when, in sympathy with other be steady and unchanged. Quotations

OLD CHEESE.

State factory, prime to choice... State factory, fair to good..... NEW CHEESE State factory, full cream.
State factory, l'ht a'ms, prime to choice
State factory, skims, fair to good.
State factory, ordinary.
Ohio fiate, prime te choice,
Ohio fiate, ordinary to good, skims, Pennsylvania, prime to choice skims, Pennsylvania, fair to good...

The Liverpool market is quoted dull at 66s. 0d. per cwt., the same figures re ported one week ago.

The receipts of cheese in the New York market the past week were 21,105 boxes against 14,322 boxes the previous week and 10,768 boxes the corresponding week in 1883. The exports from all American ports for the week ending May 3 foot up 749,121 lbs., against 1,042,222 lbs. the previous week, and 323,066 two weeks ago. The exports for the corresponding week last year were 948,727 lbs.

WOOL.

The eastern markets are generally in an unsettled and unsatisfactory condition, owing to a light demand for clothing wools and a disposition on the part of to continue, as stocks are shortening up the arrival of the new clip. Manufactur ers are taking but little wool at present, mands from points that generally have and the unsatisfactory condition of the woolen goods market, which is causing the stoppage of a number of mills, helps to complicate the situation. On the other hand there are two strong points in favor at 5s. 31d. per cental for new mixed, and of a better condition of affairs in the near future. These are the complete and over whelming defeat of the Morrison horizontal tariff reduction monstrosity, and the belief that no further tariff tinkering will be indulged in for a year at least; and the fact that the foreign wool sales now in progress in London show fine clothing wools to be very firm. It is also quite probable that the cessation of tariff agitation in Congress will result in relieving business from the depression under which it has labored for the past year and a half. The year of a presidential election, however is seldom a good one for business and it is best not to expect too much until that is fully settled.

The Boston market has been quiet and ven dull all week, the sales of domestic clothing grades only amounting to 923,000 lbs., but 828,000 lbs. of foreign, mostly carpet grades, also changed hands, which gave a week's sales of 1.751,000 lbs... against 1,146,100 lbs. the previous week, and 1,240,600 lbs. for the corresponding week last year. About the only new wools as yet in that market consists of small lots of Texas, North Carolina and other Southern wools, and a few fat sheep's fleeces from Ohio. Vermont and other States. Fine Ohio fat sheep's have sold at 234c, and Michigan do, are held at 22c and Vermont at 21c. What little Texas wool has been received is quoted at 23c for fine. Kentucky unwashed combing has sold at 28c, and a lot of medium Carolina unwashed clothing wool is held at 30c. The Boston Commercial Bulletin says of the outlook:

"The demand has continued slow; ar the period of greatest supply, when the whole clip of the country is being shorn, is naturally a time for falling prices. But values of wool are not high to day; and the depressing effect of the present un-profitable conditions of our manufacturing interests has been partially offset by the defeat of the Morrison tariff bill this week, and the firmer tone of foreign ad wices. Hence, the market for domestic wools is in a halting attitude, and we pre fer to wait at least another week before hazarding predictions as to the probable course of values during the coming sea

The sales of washed fleeces in that mar ket the past week comprised 15,000 lbs oice Ohio XX and above at 40c: 20.00 lbs choice X do at 37c; 50,000 lbs Ohio X and XX at 35@38c; 56,800 lbs Mich. and Wisconsin X at 33@34c: 8,000 lbs New Hamp. shire X at 32c: 3,400 lbs old Mich. X at 314c: 13,000 lbs No. 1 Mich. and Wisconsin at 36c. The sales of combing and delaine fleeces comprised 8,000 lbs at 38c: 2,000 lbs Kentucky combing at 28c. Among the sales of foreign wools were 101,000 lbs Australian at 38@40c; 3,000 lbs New Zealand at 40c; and 60,000 lbs Mon tevideo at 321c.

The New York market is in about the same condition as that of Boston, with prices about the same as noted last week Among the sales we note 15,000 lbs XX Ohio fleece at 39c; 5,000 lbs X do at 36c; 5,000 lbs fine delaine at 41c; 5,000 lbs X N. Y. State at 32c; 5,000 lbs X Michigan at 331c; 15,000 lbs New York State fleeces 25,000 lbs X and XX Ohio fleece, and 4, 000 lbs unwashed Ohio do on private terms. The Economist of that city says: "Our Eastern markets remain about a

at our last. Some sales of delaine and fine wool have been made at near quota tians. No particular change, while California and Texas wool grows low. We know of one lot of fine Texas sold at a very low rate. We say to buyers in the country, go carefully until the tide turns and we can gauge the goods market, for the present condition of the wool and woolen goods trade is far from being sat isfactory, and 'caution' is the watch-word which should govern until the at sphere is more clear from all bubbles In referring to the London wool sales

"The London sales are progressing with a fair amount of competition, and no material change has taken place in clothing woolens since the opening. In crossbreds there has been an advance o penny per pound, and some purchases of this grade have been made for the United States. There is certainly some 4,000,000 pounds of Australia wool on hand in this market that is offering on more favorable terms to buyers than can be had at the London sales, and it appears to us there is no necessity for importing

that paper says:

bale of this description.

For the past three weeks we have had to devote considerable space to the sheer interest of the State which has to some extent prevented us giving as us much attention as usual to other subjects. The shearings are now over, and as breeder are seldom anxious to show their sheer without their fleeces, we presume there will be little to say about them for the next three months.

It is wonderful how generally that 'horizontal" tariff bill is denounced as a piece of utter foolishness now that it has been killed. Neither protectionists nor free-traders have a word to say in its A CHANGE OF HEART.

The Economist, published in New York is well known as a journal of free trade proclivities. It is published largely in the interests of importers and dealers in dry goods, whose influence as a class has always been cast on the side of free trade. It is, therefore, with some surprise that we find its editor administering the follow. ing rebuke to the leader of the tariff "re formers" in Congress:

"The defeat of the Morrison Tariff Bill

was only what we expected, and what we have all along said would be the outcome. In fact it was only a log-rolling bill any way. Since Fernando Wood passed in hi chips the said Morrison has quite fully taken his place as a tariff log-roller. Doubtless it is quite profitable or he would not keep at it year after year. Last year unexpectedly to all politicans, they had to to take off some, but that was as much a surprise to them as to any one, and now with a Democratic House they fail. So goes one humbug into oblivion. If we could never hear again of Morrison we think many honest merchants and manufacturers would be better off. It is such trading politicians that bring partizan politics into disrepute. At any rate, that bill is disposed of for this time, but if Morrison lives he will be around with another bill. Mark that! The iff racket is too good to put off entirely So look out for it at the next Congress Manufacturers can, however, now fee sure of no change at present, although practically so before. Wool-growers will also be relieved. Although they wanted the old tariff put on, they had better let well enough alone, and go on and raise good wool (like wheat) and enough of

It looks as if the importers had lost interest in tariff reform, and have concluded that the industrial interests of the country cannot be attacked without hurting them-

A FARMER living on the "barren sand plains" near Baldwin, Lake County, recently pulled a parsnip which was four feet and two inches long, and it did not take the whole family either, as it did for the one near Boyne City, as noted in the FARMER of the 22d ult. The same patch, of less than one-fifth of an acre, yielded over sixty bushels. So much for the sand plains of Lake County.

MR. WM. ARMOUR, of Duplain, Clinton County, sends us the following notes from that section:

"Wheat and grass are growing well. The rain we had this week is just what we needed. Wheat is poor on the ground, but with a favorable season we may have a fair crop. If we have a good corn crop farmers will weather it pretty well. A failure of the corn crop seems worse than a poor wheat crop. I think corn must have cost this county over sixty thousand dollars this season. It would be interesting to know how much this State paid for feed this last

THE Michigan Central Annual Excur sion to the Sea, via Niagara Falls, St. Law rence River, Montreal, Quebec, the White Mountains and Portland, will be run this year during June, July and August. Full information regarding dates, rates, routes, etc., will be cheerfully furnished by E. H. Hughes, Michigan Passenger Agent, Detroit, Michigan, who personally conducts the excursions, and offers new attractions and unrivaled accommodations.

Stock Notes.

At the combination Jersey sale of P. C Kelogg & Co., New York City, last week, 95 head, ncluding young bulls, old cows and calves. averaged \$864. The highest price paid for a female was for Bomba's Daughter, \$5,200, and for a bull, \$4,400, which was paid for Baron of St. Lambert.

American Jersey Cattle Club at the annual meeting, held in New York May 7th. This is a very judicious selection, and the honors con ferred will be meekly worn by Mr. Dean whose urbane manner and smiling countenance makes him as welcome among stock men as flowers in June. C. J. Hoop, of Big Rapids, has purchased

MR. W. J. G. DEAN, of Hanover, Jackson

the Holstein bull Duke of Kent (1756), calved May 25, 1881, bred by E. B. Ward, of Grand Rapids, from stock imported by Smith & Powell of Syracuse, New York. The sire of the Duke of Kent was Uncle Tom (163), dam Mabel (371). The farmers of Mecosta County will find this bull a valuable addition to the dairy stock of that section.

Mr. M. KELLY, of Kelley's Corners, reports the sale of the Shorthorn bull Captain Moore 4th, out of Nell 2d (Vol. 17, p. 13080), by Argyle 2d of Riverside 37478, to S. Kerr & Son of Somerset, Hillsdale County. Also to Brockway Bros., of Liberty, Jackson County, the bull calf 2d Duke of Columbia, by Argyle 2d of Riverside 37478, out of Ped Rose (Vol. 19, p

We have received the catalogue of Short horn cattle to be sold by Pickrell, Thomas & Smith, Harristown, Ill., on Thursday, June 5th, at the residence of Mr. Pickrell. There will be some choice Young Marys with high bred top crosses, Young Phyllises, Renick, Roses of Sharon, Josephines, Desdemonas, Arabellas, Victoria Duchesses, Lady Barringtons This herd is noted as furnishing some of the finest show animals ever exhibited in this country, and as the bulls that have been used on the various families are of the best blood known to this breed of cattle, individual merit is well backed up by choice breeding. Send for a catalogue.

THE public sale of Shorthorns to be held on the grounds of the Central Michigan Agricultural Society, during their spring fair, will take place on Thursday, June 5th, commencing at 10 A. M. It is to be a combination sale, and will embrace forty or fifty head, consisting of choice high bred young bulls, cows and heifers, from the herds of Hon. H. H. Hinds, of Stanton; Hon. Wm. Ball, of Hamburg; Seward Chaffee, of Byron; C. R. Backus of Wheatfield, and C. S. Brooks, of Brighton; with pos sibly a few additional from other herds. The mes of the parties are a guarantee that the sale will be conducted in a satisfactory man-

Notes About Wool and Sheep.

MR. A. T. SHORT, of Coldwater, the own of the famous Diamond, sends us a report of the shearing of twelve ewe lambs, sired by Diamond, and all he raised the past season The earliest lamb was dropped April 1st, and the latest May 6th. The twelve averaged 14 1-6 lbs., a very fine showing.

MR. JOHN P. RAY, Secretary of the New York Merino Sheep Breeders' Association, calls attention to an error in the record of the late shearing at Honeoye Falls. Beecher & each, which will give but 371 bushels to

Bennett Bros., ram Elderade was credited with the acre, which is about what one would a fleece of 38 lbs. 12 oz.; it should have been 28 lbs. 12 oz.

THE Ovid Union says that wool of the new clip has began to arrive there, and has sold at 18 to 28c per lb. Potter, Beattle & Co shipped out 2.000 lbs. on May 1st from that place, which was probably the first lot shipped of this year' clip. This looks as if farmers were shearing earlier than usual, and the fleeces ought to be lighter and better conditioned than usual.

A ONB year old grade ram, owned by Gideon Hoyt, of Lodi, and sired by F. C. Wood 34 sheared 19 lbs. 15 oz., of one year and seven day's growth. Two others by same sire and from grade ewes, gave 16 lbs. 8 oz. each. This shows how a good ram will improve a grade flock, and farmers should make a note of it. MR. GEORGE HUGHES, of South Lvon, ha

a ram lamb sired by Garfield, a ram bred by Mr. J. C. Short, of Hemlock Lake, N. Y., that sheared on May 8th 221/4 lbs. of wool. He was dropped May 17, and the fleece was therefore nine days less than a year's growth. The woo had a staple 21/2 inches in length, and the weight of carcass of the lamb was 114 lbs Garfield is a large animal, weighing 168 lbs with a big record as a shearer. WE have had a number of inquiries as to the big fleece reported to have been taken off a ram owned by a Mr. John Bell, of Tekonsha

son he is reported to have sheared 34 lbs. W know nothing as to the correctness of these figures, but hope Mr. Bell will take the trouble to give them to the public properly substan WE have had some samples of wool sent us that were taken from the fleece of a two-yearold ram owned by Mr. Lester Warner, o Prairieville, this State, and bred by Samue Griswold, of Western New York. The sample

were from the shoulders, neck and belly, had

a staple 3 and 31/4 inches in length, of good

character and quality. His fleece was only 19

lbs. 10 oz., but it would give a high per cen

tage of cleansed wool.

and bred by R. Lane, of Vermont. The fleec

is said to have weighed 44 lbs. 8 oz. Last sea

In the report of the Kalamazoo shearing, E. Brackett, of Allegan, was credited with having a breeding flock of twenty head; it should have been seventy head. Mr. Brackett has the two rams Gen. Dixson and Greasy Dick, both sired by Gen. Dix, now owned by C. S. Lum bard, of Addison. He has been getting some heavy fleeces this spring. A four-year-old ewe that has twins, sheared 18 lbs. 8 oz., eight other ewes sheared respectively 17 lbs. 8 oz. 16 lbs. 12 oz., 16 lbs. 12 oz., 16 lbs. 8 oz., 16 lbs. 15 lbs. 12 oz., 15 lbs. 8 oz., 15 lbs., 14 lbs. 12 oz. His flock averaged a little over thirteen

PLANTING CORN.

It is supposed that anybody can plant corn, boys, old men, and even girls, and all do plant more or less, where the horse planter has not supplanted the old custom. To those who use a machine, this article has no message, but many farmers hand, and a great many yet prefer the hoe to any of the hand planters, of which there are many patterns. Almost every farmer has a different idea about how his corn shall be planted, some repeat and practice the old doggerel rhyme as a rule for the number of kernels in a hill:

"One for the blackbird, one for the crow. One for the cut-worm, and three to grow,"

which, if the cut-worm and crow d not call for their rations, all grow to be come stalks, and each stalk bears it nubbin. Others aim to plant just th number which they consider is best stand in the hill. This number varie from two to five. Some are very method cal about it, they very deliberately di a place for the hill, count out the kerne and drop them, then put fresh dirt over the corn, and pat it distinctly with th County, was elected one of the directors of the hoe. This patting with the much a part of planting as shaking hand is a part of social greeting. Boys wh drop the corn somewhere in the vicinit of the mark, and hit the dirt a cuff wit the foot and call it covered, practice th opposite extreme of planting. Very few stop to reason or figure out their practice but plant as custom has made familiar year after year. They plant the same kind and amount of seed on good or poor soil alike, and at the same depth, wet or

dry. Corn should usually be planted about two inches in depth, but if the soil be quite dry, it would be better to plant s little deeper, and pack the earth above it to insure moisture sufficient to cause it to germinate. Farmers differ very much as to the number of kernels to plant in the hill. This depends entirely, I think, on the condition of the soil. Average land, covered with a good ripe clover sod, marked four feet each way, will mature the best crop with three kernels to the hill. If the soil is only a slight degree poorer than this, I would plant but two kernels. If every stalk in a field does not grow and mature a good fair sized ear, it is because the supply of food gave out. If three stalks are growing where but two can find support, one will grow a nubbin and the other two ears will be diminished by the amount which it took to grow both ear and stalk in the superfluous one. One cannot expect to get out of a soil more than there is in it, by coaxing nature to perform a miracle. The food that two steers will require to thrive upon, will not keep three. The three may gain as many bounds in the aggregate as the two, but the three will not be beef, while the two might. So two good ears on a hill of corn are better than three. If the three be grown from what should have gone to the two Any farmer who thinks this reasoning and practice will not hold good, had better try for himself, and wait for his conclusions until husking time. If he should udge from the look of the field while growing, the thin planting may suffer in comparison, but wait until tassels and ears come, and if the test of bushels to the row is not in favor of the thin planting, then keep on in the good old way. A fair average ear will weigh ten ounces, and a large one 12 ounces. There are 2,722 hills on an acre, planted 4x4 feet. If one wishes to compute it, they will find that two average ears of ten ounces each to the hill, will give 50 bushels of shelled

corn to the acre, two ears of 12 ounces each

will give 60 bushels, and three average

ears will give 75 bushels to the acre. Now

if we grow three stalks to the hill on

ground not up to the standard of good

corn land, the chances are that we shall

get three nubbins weighing five ounces

expect of corn planted in the old way on

The difference between husking good and poor corn, is known to every farmer. One man will husk a wagon load of good corn in the time it would require two men to husk the same amount of poor corn off the same ground, and the crop looks much more satisfactory.

The corn planters now in use, sow the corn nearer than four feet, for the reason that two horse cultivators will not work to the center of the row at that distance. A marker made three feet eight inches will obviate this difficulty, and it also facilitates the measurement of a field, as 18 rows 40 rods, or nine rows 80 rods long make an acre. This is quite convenient, if not important, for those who have a taste for knowing how much corn they are raising to the acre, or how the labor on the field is progressing. This adds 518 hills to the acre, or 3,240 hills in all. Farmers who have been using the narrow rows, and have not diminished the quantity of seed, will perceive a wide difference in the crop by using less. We do not grow corn for the fodder, but accept that as incidental profit; where we grow corn for the fodder, we expect no corn, and get none, which is proof that much fodder is grown at the expense of grain, which is the case where too much seed is planted for the fertility of the soil. Corn ground is now plowing up in excellent condition, the seed that is good will germinate readily, and the outlook for the season's crop is excellent.

Good Sheen.

Michigan feeders have brought some excellent lambs to the market this last week, but probably as fine as any, and as near perfection as they could be got, were the load of 164 head sold here for Mr. Charles E. Gill, of Marshall, which averaged 96 pounds and brought \$7,85 per

Mr. W. S. Kirby of Galesburgh, Michgan, who probably finds as many sheep as any one man in that State, and certain ly brings them up to the highest standard of excellence, was on the market with two cars of 290 head of sheep, every one a wether and every one a good one that weighed 133 pounds; they were generally conceded to have been the best two load of sheep that have been offered here for sale since the yards were built. Mager Hollis bought them for the export trade. and if they do not fill the bill with our English cousins they will certainly have to look in vain elsewhere for better ones. They realized as they should the top price of the market, \$7 10 per cwt. Mr. Kirby fed 1800 head this winter and had a load of extras here last week, weighing 120 pounds, and has still another load at home -a large majority of them, still plant by which he thinks will turn the scales at 170 pounds.-Buffalo Mercantile Review.

Public Shearing at Marcellus, Onondaga Co., N. Y.

Mr. J. H. Earll, Secretary, sends us the following report of the public shearing held at Marcellus, Onondaga Co., N. Y., on Thursday, May 1st. The sheep shorn

NAME OF OWNER.	Ear Label.	Age, years.	Days, Growth	Length of Staple, inch's	Weight of	q Welcht	o of N
Rams.							
Armstrong& Mar'ner	200	3	383	2%			51/2
Earll & Martin	238	3	362	2 2	125	26	
Cossett & Wylie	258	4	380	2	114	30	51/2
E. L. Gage	187	2	355	21/4	135	21	15
Davis Cossett	446	1	380	21/2	49	13	9
do	311	3	350	216	81	16	416
do	593	4	350	234	69		10
do	334	3	380	8	62	16	131/4
do	451	2 2	380	2%	61		
E. L. Gage	826	2	355	3	64	19	
do	322	2	355	21/4	62	16	41/9

A Destructive Insect.

The large white grub with which we are at times greatly beset, and which sometimes is very destructive to the young corn-plants, to our gardens and even to our lawns, is one of the most difficult pests to get rid of. It feeds upon the roots of flowers, vegetables and even the roots of trees; and in some years they make their appearance in thousands and do much mischief before they are discov ered. It is believed—as it is not yet satisfactorily established—that it takes three or four years before it emerges from the ground the perfect beetle, when it continues its depredations above ground almost as extensively as it did during its existence in the larva state. It being a large beetle it is too much for the smaller insectivorons birds to manage; but the crow, the blackbird, and the robin, soon dispatch it if they alight upon a colony of them. But the crow keeps at a distance from our dwellings, gardens, orchards, etc., and the blackbird also is becoming scarcer every year, so that we have little protection against this vile pest from either of them. Salting the ground pretty freely where the grub makes its appearance, bu not so freely as to damage the vegetation is the best remedy we know of and will generally prove effectual .- Germantown Telegraph.

To Avoid Scours.

In response to an inquiry, a correspondent of the Germantown Telegraph gives the following remedy for this disease: 'In regard to avoiding scours in calves when fed shorts, thre are two easy ways o prevent them. First, give a small cup ful of white sand and about an eighth of a teaspoonful of cayenne pepper night and morning mixed in their food; two or three doses will bring them around all right. The other method is a small teaspoonful of air-slaked lime, and the pepper as above. The foregoing has been my remedy for all animals and fowls for over thirty years; and has never failed me or my neighbors.

"Now for explanation. Scours and diarrhœa of all kinds, in animal or human kind, are caused by a superabundance of mucus or bile lining the alimentary canal its entire length. The sand scours it off the pepper gives heat, and both together will remove the trouble. The lime being an astringent, sometimes works best; if he sand fails try the lime, and you will be sure to hit the case.

NEWS SUMMARY.

Michigan Army worms have appeared at Saginaw. J. E. Messmore, grocer of Grand Rapids, has

John Williams, an old resident of Dundee.

The Diamondale Sun has set, after three Flint gets the Northeastern District Fair for the next three years.

Belger's slaughter house at Saginaw burned last week; loss \$1,200. W. A. Cook, of Owosso, will make butter from 100 cows this summer.

A Battle Creek bakery sent twenty boxes of crackers to a town in India last week The Manchester Farmers' Club elected Richard Green president at its May meeting.

Gray & Co's dry kiln and ten thousand shingles burned at Big Rapids, on the 9th. The Owosso "strawberry man," Mr. Van Huten, has set thirty-two thousand plants this spring.

A boller in Green, King Co.'s salt works at aginaw exploded Saturday, doing \$5,000 worth of damage.

Manahan & Co., extensive dealers in hard-ware at Hillsdale, failed last week. Liabilities nearly \$25,000.

nearly \$20,000.

Fenton Gazette: D. Herrington, of Tyrone, the pare a clover root four and one-half feet long. Grand Rapids proposes to stop the circula-tion of the Police Gazette and kindred journ-

The Owosso Casket Company must erect a new building to accommodate their business. It will be the third.

Dr. W. W. Burchard, editor of the Clinton department of the Tecumseh News, died very suddenly, last week.

Frost's wooden ware works, of this city, were destroyed by fire for the third time last week. Loss, \$31,000.

The Pontiac fair grounds will have one of the best half-mile tracks in the State when work on it is finished.

A fence built 25 years ago at Plymouth, has just been removed and the cedar posts were ound as good as when set. Joseph Kirkland, a prosperous farmer living near Unadilla, was suddenly taken insane last week. No cause is known.

John Meyers was caught between pulleys in a mill at Crow Island, near East Saginaw, las week, and fearfully lacerated.

Michigan gets \$512,000 in appropriations for rivers and harbors under the River and Harbor Bill just reported to Congress.

The body of James Walker, of Ionia, who was lost on Bois Blanc Island, near Mackinac, three weeks ago, was found on the 9th. A couple of young man from Elmira, N. Y., intend to locate on a hundred acre farm near

Big Rapids, and establish a big hennery. An ingenious gunsmith of Coldwater has manufactured a cane out of tissue paper, which is quite strong and very hard to cut. The Lapeer Democrat writes down the sheep-shearings at Metamora and Hadley, as decided successes. Some good fleeces were clipped

Saginaw|Herald: A stock company has been

Lapeer Democrat: John Ball, of Arcadia, is the possessor of twelve large ears of seed corn which he claims to be twenty-five years old. Adrian has expended \$150,000 in graveling

her streets during the past twenty years, and now wishes she had put that money into pay-An enterprising firm at Bedford, Calhoun County, make a regular business of buying and shipping frogs, handling from 25 to 100 dozen

E. G. Rust's barns at Saginaw, three in number, were burned last Saturday, and seven valuable Jersey cows were lost. Total 1968, \$3,000.

The first clip of wool reported marketed this season by our State exchanges, was sold in Eaton Rapids; it weighed 735 pounds; price not

Kalamazoo Gazette: Mr. G. F. Larned has the finest collection of Indian curiosities to be found in this section of the State. It is very valuable.

Flint Globe: The farmers of Genesee County have paid out from \$135,000 to \$150,000 for corn to carry their stock through the past

Seven thousand acres of land covered with blackberry brush were burned over by a forest fire in the township of Arcadia, Lapeer County, this spring.

The Jonesville cotton mill is to be shut down temporarily, one cause being the fact that at present prices for goods there is no money in manufacturing.

Hangsterfer's candy manufactury will be reoved from Ann Arbor to Detroit soon. change is because of the necessity for better railroad facilities. The Pontiac Bill Poster says it looks very

much as if an organized gang of horse thieves was at work in Oakland County. Seven horses have been stolen within two weeks. A DeGarmo, of Highland, Oakland County, and J. B. VanVliet, of Flint, were the two Michigan men injured in the disaster on the Wabash railroad, near Decatur, Ills., on the

The Imlay City Herald says a farmer near there will put in two hundred acres of wheat this fall, which will be the largest area ever sown to that grain by any one Lapeer County

farmer.

There is a rumpus in the Reform School at Adrian, and several of the officials, including Miss E. Hall, Superintendent, have resigned. Miss Margaret Scott, of Grand Rapids, takes her place.

Mr. and Mrs. Donaldson, variety actors, quarreled at East Saginaw, where they were claying, on the 8th, and the jealous wife dis-charged a pistol at her husband, shooting off a part of his ear. Henry Holcomb has been arrested, charged with perjury, and bail for him was found with great difficulty. Popular sentiment seems less in favor of the Holcombs and Jud Crouch than

ever before. A company with \$50,000 capital has been or ganized at East Saginaw to carry on the busi-ness of mining, smelting and manufacturing iron, copper and silver ores and coal in Ros-common, Crawford, Oscoda and Saginaw coun-

Nothing stronger than cold tea to be had in Holly for the next year. The Advertiser says the grey-haired men of the town seemed to be resolved to make the most of the last chance, and many were intoxicated upon the streets the last day of selling liquor.

Shiawassee American: The first shearing of the Shiawassee Wool Growers' and Sheep Breeders' Association which was held at Ver-non was quite successful. About 50 sheep, representing flocks of 17 breeders, were on hand E. T. Putman, of Sciota, had the ram which sheared the heaviest fleece, 29 pounds 12

At Carson City, recently, was held the first sheep-shearing in the vicinity, at the farm of W. C. Smith. It was quite a successful meeting and half a dozen flocks were represented. The heaviest fleece was from a ram owned by W. C. Smith and bred by Palmer & Rhead, which weighed twenty-two pounds twelve ounces.

Tecumseh News: Mr. E. Harmon, a farmer of Lake Ridge, met a plausible stranger in town on circus day, was invited to a side tent, and initiated into the mysteries of three-cardmonte. So sure was he of his ability to "pick out the right card" that he went up town and drew \$500 from the bank, with what result is easily guessed. easily guessed.

The Batavia correspondent of the Coldwater Republican says: Byron Noyes has a cheap and effectual silo. He built an ordinary hog pen, covered it with marsh grass, chinked the sides as tight as possible, put in his fodder without cutting and loaded it with stones. After a lapse of seven months he found it in good shape, the eattle eating it with a relish. good shape, the cattle eating it with a relist even leaving their "mess" for it.

Warren Carpenter, while traveling with his wife and children from Harrison, N. Y., to Milwaukee, got acquainted in the cars with a man who generously offered him a check for

NEW ADVERTISEMENTS.

1884. OWOSSO 1884.

BREEDING STABLES.

Stallions in Limited Service.

LOUIS NAPOLEON.

Sire of Jerome Eddy, 2:16½; Spinella, (Tria 2:24½) 2:30. Season, \$100 00.

GEORGE MILO, (Four years old.)

Full Brother to Jerome Eddy. Season \$50.

FUROR, (Three years old.)

JO CAVIN,

1,000 in return for a loan of \$300, which he overled. The generous man left his confiding the very unceremoniously at Detroit, and find very unceremoniously at Detroit, and he latter discovered soon after that the check he latter discovered soon after piece of blank as as \$4 \text{Nucless as any other piece of blank}

General.

P. C. Dunning, ex-Governor of Indiana, in Charles O'Conner, the eminent lawyer,

The shore end of a new cable was laid at (2550, N. S., last week. Jasch's fur factory at Norwalk, Conn., burn lastweek. Loss \$70,000. The American Medical Association was in

At the meeting of the Missionary Society at Exeter Hall, London, the statement that the English people were ashamed that Gen. Gordon had been left in Egypt without support was cheered by 3,000 people, who rose to their feet. wilson F. Clogg, the celebrated naturalist, and at Cambridge, Mass., last week.

Messrs.F. W. Kinsman & Co.: Gents Adams & Co's large glass works at Pitts-grg, Pa., burned last week. Loss \$20,000. -I have sold your Adamson's Botanic Cough A Texas lad of 16 stole his father's horse Balsam over my counter for nine years; and I A Texas and of 10 stole his latter's hors nust say, that, during an experience of 26 years in the drug business, I have never sold any thing for coughs, colds, etc., that has given

Fast mail service between New England and Francisco is to be maintained, instead of

Ergovernor Hubbard, of Texas, says one-burth of the entire cotton crop of the United tates is now grown in the Lone Star State.

Wm. Missey, paying teller of the Bank of mmerce, Baltimore, was arrested last week, arged with embezzling \$17,000 by false en-

Two witnesses in the Hill-Sharon divorce use have admitted that their evidence, which rent to prove the alleged marriage, was per-

There are labor troubles at Quincy, Ill., be

Lorillard's tobacco manufactory at Jersey

al the disease has been very generally spread rough the ignorance of attending physicians, to pronounced it German measles.

S. S. Fish, city official of Toledo, was ar 8.8. Fish, city official rested last week, charged with having raised city warrants. He had borne an excellent character for integrity and honesty before.

H. N. Adams, assistant superintendent of e Government Canal Works at Louisville, is killed on the 7th by getting caught be-centhe roof of a wharf boat and the dock.

W. D. Hardin, ex-sheriff of Crittenden Co., Ark, was shot and killed by James Murray, who was also mortally wounded, last week. Hardin was a desperado, who had killed seve-

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Sheep at Ver-

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were attacked last Friday night by a brother of Mrs. Clark's, who shot Clark and a little laughter, neither fatally. The brother is believed to be income.

resk to place Gen. Grant on the retired list, with full rank and pay of General. This is done because of Grant's loss of property by the fallure of Grant & Ward.

During a largely attended meeting in the Methodist Church at McKinney, Texas, last week, the foundation gave way and the church fell to the ground. The burning lamps set fire to the ruins and two women were burned to

The "fat woman" of St. Thomas, Ont., Miss Loomis, who weighs 315 lbs., attempted to hang herself from a door with her handker-chief. Naturally enough the handkerchief broke, but she will die from the effects of the

Ten tramps got into a fight among themselves at Mattoon, Ill., last week, and when the police attempted to stop them a free-for-all was indulged in, in which the police came out about the tramps were badly injured and seep partired.

Francis Lewis, the old man who was to be reacts Lewis, the old man who was to be tried for forging a Dominion government bond, on the 8th, was called at the police court on that day but did not respond. The magistrate declared his bail forfeited, but he was after-ward found in his room, dead. His friends claim he died of a broken heart because of the

harge made against him.

Bennington, Vt., enjoys the enviable distinction of having the largest dealer in the world in spruce gum. He sells 12,000 lbs. annually. The largest part of this supply is obtained from adjoining States and Canada. The collectors go into the woods and remain until they have secured 100 lbs. Boston takes the largest quantity of any city in the United States.

The firm of Grant & Ward, New York brokers and bankers, has failed. Fred. S. and Jesse Grant, sons of Gen. U. S. Grant, are the ones involved. The gross llabilities are not far from \$10,000,000. It is rumored that the firm used Gen. Genetic serves to gain prestige.

Last week the manager of the Merchants' Inion Barbed Wire Company, at Des Moines, applied for and obtained an injunction preventing the State Auditor from issuing a warrant for, and the State Treasurer from paying the warrant if issued, for the five thousand dollars voted by the State Legislature to aid the Farmers' Protective Association in their suits against Washburn & Moen, barbed wire manufacturers.

It is now known that the steamer State of The now known that the steamer State of Plorids, reported lost last week, sank in midocean on the 18th of April, through colliding with the bark Pomonay of Chatham, N. B. Both ships went down almost instantly. Out of the bark's crew of fifteen persons only three were saved, and out of 167 passengers and crew on board the steamer 32 only are alive. More might have been saved had not the passengers become panic stricken when the collision occurred.

Foreign.

more's property, near Claremorris, is dying from a beating by Fenians. Ten women were blown to pieces and two others wounded by an explosion of dynamite at Noble's factory, Ayrshire, Scotland.

The bill permitting the marriage with a deceased wife's sister has passed the English House of Commons by a vote of 238 to 127.

NEW ADVERTISEMENTS.

1884. STALLIONS. 1884.

Judah P. Benjamin, Confederate Secretary of State, died at Paris last week, 72 years of age. He had amassed a large fortune by the practice of law in London, England. ROMULUS, Bismarck last week declared that the government had determined that the measures contained in the anti-socialist bill shall pass, and that if the Reichstag reject the bill its dissolution will follow:

Imported Percheron. First Prize and Gold Medal at the Universal Exposition of Paris in 1878 and about thirty other First Prizes in 1878. Has never yet failed to take First Prize wherever exhibited. Dapple grey in color; 16½ hands high, and weighs about 1,800 lbs. Stands at \$30 the Season; payable at time of first service.

MARQUIS, Imported Percheron, sired by Romulus. One of the most compact and stylish horses of this breed. A beautiful dark-grey in color. Stands at \$30 the

CONQUEROR,

This young Clydesdale Stallion will stand at \$15

H. C.,

Hambletonian trotting stallion, by Hysdyk, the sire of Clingstone and other fast ones; dam, Kate, the dam of Orient, 2:24, etc. Bay in color. Has proven himself a sure foal-getter. and his young stock are quite promising. Stands at \$25 the sea-

ADONIS.

A beautiful and highly bred young bay stallion of reat promise. Will serve a limited number of mares at \$20 the season.

DANDY.

This imported Ex-moor Pony is a beautiful bay in color; stands 13% hands in height and weighs about 800 lbs. Stands at \$15 the season.

Bay stallion, three years old, by Strathmore, son of Rysdyk's Hambletonian and sire of Santa Claus 2:17%, Steinway 2:25% at three years old, Chest nut Hill 2:22%, etc. Dam, Victoria by Peck's Hold, son of Mambrino Chief. Will be reserved this season for use on our own mares.

Important Public Sale

KENTUCKY

On Friday, May 23d, 1884, -AT-

DEXTER PARK, CHICAGO, ILL. These bulls are a picked lot and suitable to head any herd, and are from 16 to 24 months old. They are extra individuals, fashionably bred and good colors. Roses of Sharons, Miss Wileys, Young Marys, Phyllises, Loudon Duchesses, Josephines, etc. Sale to commence at 12 o'clock sharp. For catalogues address W. W. HAWILTON, a29-3t

HOLSTEIN CATTLE Bulls, Cows, Heifers and Calves,

FOR SALE. Only Superior animals, backed by great milk and butter records. • MAHOMET," the equal of any Holstein bull in America at head of herd. Address R. D. UPDEGRAFF, Cleveland, Ohio.

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One of the very few breeds that are superior table-fowls; also non-setters and excellent egg-producers. Eggs from pure and choice fowls, carefully nacked, at \$1 per 13. Address a294 HENRY KING, South Baven, Mich.

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Iron grey stallion, seven years old, 15½ hands high, weighs about 1.050 lbs; sired by Louis Napoleon. Is a green horse, but shows good action: has sired some first-class colts. Address 119- M. L. WRIGHT, Owosso, Mich.

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CHARLES F. MOORE, breeder of pure bre Shorthorn cattle, St. Clair, Mich. Stock fo Sale. Correspondence promptly attended to. C HIBBARD & SON, Bennington, Shiawas shire swine and Mernno sheep. All stock recorded. Stock for sale. Half brother to Jerome Eddy and sire of Cora Bell, the fastest two year old yet in Michigan. Season, \$25. To insure, \$35.

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P. KELSEY, Clay Ridge Farm, Ionia, Mich.
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H. G. HOLT, Thorneapple Stock Farm, Cascade, Kent Co.; breeders of thoroughbred Shorthorns and pure Suffolk swine; young stock for sale; correspondence invited.

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Cattle and American Merino Sheep.
for sale.

M. WHITAKER, Hazelnut Ridge Farm.
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JOHN McKAY, Romeo, Macomb Co., breede J of Shorthorn cattle. Young bulls and helfer for sale. Correspondence solicited.

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B. SMITH, Meadow Brook Herd of Jerseys, Eagle, Mich. Stock of Le Brooq's Price 3300 Coomassie, Young Rose 43, Le Breve and other fa mons strains represented. Houdan chickens, Pe

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SHEEP-Merinos.

A. WOOD, Saline, Mich., breeder of thorogen and the stock on startly on hand.

A. WOOD, Saline, Mich., breeder of thorogen and the stock of the stoc

DAM DIEHL, Milford, Mich., breeder or registered and unregistered American Meri registered and unregistered American Stock for sale on very reasonable respondence solicited.

A J. McMILLEN, Nottawa Prairie Farm, Men don, St. Joseph Co., breeder of registered Merino sheep and Percheron horses, with import ed Chere 835 in the stud. A MILAN WILLET, Hazlewood Stock Farm

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DICKEY BROS. & SHULTZ, Coldwater, breeders of Registered Merino Sheep. Young stock for sale. Correspondence solicited 131-1v

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sheep. Stock for sale. P O address, Clinton,
Lenawee County.

JAMES McGREGOR & SON, Metamore, Lapeer Co., breeders of thoroughbred regis-ered Merino Sheep. Stock for sale. myll-y JAMES W. NEWBURY, Hanover Jackson Co., breeder of Vermont and Michigan regis-tered Merino Sheep. Stock for sale. apl-iy

J. C. THOMPSON, Romeo, Macomb County, breeder of Thoroughbred Registered Merino Sheep; also Poland-China Hogs. Stock for sale. Correspondence solicited. J E. ROGERS, Saline, Washtenaw Co., breed er of thoroughbred Vermont registered Meri-no sheep. Stock for sale. mril-iy

LEVARTS SMITH, Ypsilanti, breeder of thor J EVARTS SMILLS,
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Register. Rams and ewes for sale of my own breed
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Breeder of Registered Merines of Atwood stock, descendants of most noted families of fins bred animals. Size, form and density of fleece a specialty.

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Ewes and rams for sale at fair prices. J S. WOOD, Saline, Washtenaw Co., breeder of Vermont and Michigan registered thorough-bred Merino Sheep. Stock for sale.

JOHN BARTHOLOMEW & SON, Hillsdale breeders of Spanish Merino Sheep, registered and unregistered. Stock for sale. j16-iy JOHN CHILSON, Hanover, Jackson Co., breeder of Vermont and Michigan registered Meripo sheep. Stock for sale.

JOHN M. HORNING, Norvell, Jackson Co., breeder of registered Merino sheep. Young stock for salo; correspondence and inspection in-vited.

TOHN SESSIONS, Grand River Valley Stock Farm, Ionia, breeder of registered Merino theep, Shorthorn cattle and Berkshire swine. Stock for sale.

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Breeders of Registered Merino Sheep and Poland-China Swine. A choice lot of young stock to sale at reasonable prices. Correspondence solicited

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HATHAWAY, Addison, Lenawee Co., Mich Breeder of thoroughbred American Morins sheep, registered in Vermont and Michigan Regis-ters. Rams and Ewes for sale of my own breed-ing, togethar with selections from some of the best flocks in Vermont. Correspondence solicited.

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my18-1y

W.M. RADFORD, Marshall, breeder of Merino Sheep. Stock recorded in Michigan Register. Size, form and density of fleece speci-May-15 ly

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Shropshire sheep, the popular muton and wool breed. Only flock in Livingston County eldest in Central Michigan, imported Roderick Dhu at head. Early orders secure first choice.

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Poland-Chinas.

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CHARLES INMAN, Averill, Midland Co., breeder of thoroughbred Scotch Collies. Sheperd pups from the best of stock for \$3. Correspondence solicited.

"SCOTCH COLLIES." Lords of the Highlands. I am breeding them from the best and purest imported stock, and have lately made several additions to my kennel of collies of superior individual excellence. I have also three of the finest breeding yards of Plymouth Rocks in the west. My Berkshires are herd registered. Send for circular. Address mr6tf J. A. ARMSTRONG, Owosso, Mich.

Ohio Breeders.

SHEEP-Spanish Merinos.

W. THOMAS, Greenwich, Huron Co., Ohis D. Breeder of thoroughbred Spanish Merica theep; all registered in Vermont Register. Inse-tock always for sale.

RA N. DELINE, Plymouth, Ind., breeder highest individual merit combined with the most fashionable pedigrees. Also Plymouth Rocks, Light Brahmas, Brown Leghorns and Pekis Ducks. Eggs in new baskets, \$1 00 per sitting. Write for prices. All inquiries answered. A. J. MURPHY Breeder of Pure-bred Recorded POLAND CHINA SWINE

PLANWILL OR SILVER CAREE, MICH.

My herd is dark in color and bred from the most noted herds of Ohio and Michigan. Pigs sired by Arnold's Sambo, Black Tou, Hopeful, Murphy W. S. and Dixle. Stock first class. Prices resea Shorthorns For Sale.

Bulls, Heifers, Calves and Cows. Choice milking strains. All Herd Book registered. Will be sold very reasonable at private sale. B. J. BIDWELL, Tecumseh, Mich.

SPRINGDALE HERDS ROR fine strains of blood, being composed of animals selected from only the choicest families, are second to ne herds in America, where all who favor us with a visit can see the finest piggery and grandest display or pig show on any one farm in this country. Stock for sale at all times TURNER & HUDSON,

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A choice lot of Pure bred Poland China Swime for sale at reasonable rates. Pigs in pair to a trios not akin. My herd numbers about 20 hour including descendants from some of the most numer families. Breeding stock recorded in Ohio families. Breeding stock recorded in Ohio F. Record. Correspondence and inspection invited.

B. G. BUELLE. 12tf Little Prairie Ronde, Cass Co., M.K.L.

M. A. GROW, Highland, Oakland Go., breedsheep and Poland China swine. Write for prices,

PIC Extricator to aid animals in giving
wm. DULIN, Avoca, Potawatamile Co., Iowa,

Only five hundred witnesses have as yet

At Laredo, Mexico, last week, troops forci-took from the bank \$4,000, alleged to be

Francisco is to be n up, as reported. Sherwin, Williams & Co.'s paint and varnish Cleveland, were destroyed by fire on Loss, \$50,000.

Agun, 30 feet long, weighing 212,000 lbs., sing \$28,000, was east at the Boston Iron grks for the Government.

Prof. S. D. Gross, an eminent Philadelphia on, is dead, and his remains were la cremated at the De Moyne Crematory.

Alfred Sheldon, of Kansas City, agent of the Sine Springs Milling Company, has left for arts unknown, short about \$20,000 in his ac-

The steamer City of Portland struck a ledge of rock off the coast of Maine on the 8th, and sent to the bottom. Her passengers and crew

Attain on the Wabash road was ditched near Decatur, Ill., on the 7th, and 30 of the passengers were injured. All save twelve were able to proceed on their journey.

A bill was introduced into the Senate last

Drafts from the herds of Messrs S. E. Prather, Springfield, D. W. Smith, Bates, Ills., and John Highmore, Rochester, Ills. on, Ont., last week, and was instantly killed, is head being severed from the body.

Im used Gen. Grant's name to gain prestige and borrowed right and left. Rumors of crooked transactions are rife and the failure is generally considered a bad one.

such universal satisfaction as Adamson's Boanic Cough Balsam. I recommend it above all others."

Ballard & Ballard, proprietors of large flour mills at Louisville, have made an assignment. Habilities \$100,000 to \$150,000.

mere are moor troubles in moulders, and men union and non-union moulders, and veral non-union men have been badly hurt

nes for the use of the employes. Point Edward, Out., had a case of small-pox,

Eugene G. Woodward, Treasurer of the Presbyterian Board of Publication, of Philadelija, left that city last week, leaving a shortige in his accounts as reported of \$10,000.

Samuel Clark and family, of Hamilton, Ont.

Last week, John B. Franklin, a white man, a Russe County, Ala., not satisfied with his ride's cooking, took a red hot iron and branded ler. He has been given a year in the penicality and a fine of \$1,000.

J.E. O'Callaghan, brother of the O'Callaghan who escaped from the Sandwich jall by murdering the jailer, threw himself in front of an engine on the Grand Trunk road at Hamilian for the typed and was instantly killed.

COMMENCING ON

An old miner has been examining the gold dust and rock taken from the Oneoto (Minnesota) gold mine. He finds no gold in the rock, but enough in the dust to make it assay \$2,000 to \$3,000 to the ton, but under a powerful microscope it shows up in the shape of shavings, evidently having been cut from a gold oin, 225 Head of Cows, Heifers and Bulls. It is the Boss Series of the Season, where will be offered the best of animals and pedigrees combined. All on the Wabash, St. Louis and Pacific Railway. Send to the parties (as above) for Catalogues.

Yours truly, S. CHICHESTER, 357 Myrtle Ave., Brooklyn, N. Y. Farm Law.

n will follow.

head will be answered in this column if the replie are of general interest. Address communication to Henry A. Haigh, Attorney, Seitz Block, Detroit The Pathmaster's Duty.

Inquiries from subscribers falling under this

Ovid, Mich., May 6th, 1884. Law Editor of the Michigan Farmer. Will you please publish the law which compels pathmasters to shut up stock which runs on the road? Answer: - The statute making it unlaw ful for domestic animals to run at large in

the public highways (which is operative in all parts of the State unless the Board of Supervisors of some particular counties have seen fit by resolution to make it inperative) provides as follows: "Sec. 3. It shall be the duty of the overseer of highways to seize and take into his custody and possession any animal forbidden to run at large, which may be running at large in any highway of which he is overseer, contrary to the provision of the foregoing section."

"Any overseer of highways, having accepted such office, shall, for every neglect of the duties thereof forfeit the sum of ten dollars." No Justice in It.

Law Editor of the Michigan Farmer.

The general highway law provides:

the mortgage pays taxes on the same in this State must I also pay taxes on the same memoney, and if so where is the justice and what are the arguments used to make it appear to be right? Answer:-The amount of one's indebt edness may be deducted from the amount of his taxable credits, such as bonds, notes, mortgages, accounts and other claims. But if he has no credits, there is

no provision for deducting his debts from

the value of his real property. It does not

seem just that this should be so, for it in

effect often amounts to taxing the same

Suppose I owe purchase money on my farm, and I know that the man that holds

property twice. But I suppose it is regarded as expedient, because if there were provision for reducing the value of a man's farm by the amount of any mortgage that might be upon it, a loop hole and temptation for fraud would be afforded. People could keep up fictitious mortgages, or mortgages made to persons out of the State and out

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Poetrp.

And I sald, "She is dead, I could not brook Again on that marvelous face to look. But they took my hand and they let me in, And left me alone with my nearest kin Once again alone in that silent place, My beautiful dead and I, face to face. And I could not speak, and I could not stir, But I stood and with love I looked on her. With love and with rapture, and strange surpri-I looked on the lips and the close-shut eyes; on the perfect rest, and the calm content, And the happiness there in her features blent;

And the thin, white hands that had wrought Now nerveless to kisses or fevered touch. My beautiful dead who had known the strife, The pain, and the sorrow, that we call Life: Who had never faltered beneath her cross Nor murmured when loss followed swift on loss And the smile that sweetened her lips alway Lay light on her blessed month that day.

I smoothed from her hair a silver thread, And I wept, but I could not think her dead. I felt, with a wonder too deep for speech, She could tell what only the angels teach And ever her mouth I leaned my ear. Lest there might be something I should not hea Then out from the silence between us stole

A message that reached to my inmost soul: "Why weep you to-day who have wept before That the road was rough I must journey o'er? ** Why mourn that my lips can answer not When anguish and sorrow are both forgot? "Behold, all my life I have longed for rest-Yea, e'en when I held you upon my breast.

And now that I lie in a breathless sleep, Instead of rejoicing you sigh and weep "My dearest, I know that you would not break f you could, my slumber and have me wake; · For though life was full of the things that bless I have never till now known happiness. Then I dried my tears, and with lifted head I left my mother, my beautiful dead. -James Berry Bensel AN ARMY OF THE WEST.

One bright September day I rode Through prairie sweeps horizon-broad.

And saw a host a million strong Drawn up in columns dense and long, All silken tasseled and beplumed. No bugle blew, no cannon boomed, No orders rang along the lines But whispers, as in woods of pines.

They stood erect in bright array And filled the splendid eye of day.

Nine English miles from front to flank; Nine English miles from wing to wing And as I flew from rank to rank They came about with stately swing. What hosts are these that have the sword And quick returned the answering word: "One Standing Army of the Lord! The emerald regiments of corn At reveille salute the morn !" -B. F. Taylor

ALONE.

A levely violet in a wilderness, That yearns to spread its fragrant loveliness, And charm rank weeds to tender sympathy, But panting dies unheard in one long sigh

A lingering longing spark in some dead fire, That burns its heart to rouse the lifeless a A teardrop quivering on cruel lashes, One tender chord upon a broken lyre. A ray of sunlight on a storm-filled day,

That woos the sullen clouds with soft warm

A human soul that soars alone too high. Seeking yet finding not the love it n

Miscellaneous.

THE BISHOP'S SIN.

As the bishop's conduct has been the subject of considerable comment, it besomes a kind of duty to give the true account of the whole matter.

As everybody knows, the Right Reverend Everton and Tauphie was a very broad churchman. Had he not boldly opposed the Tractarian movement in his Oxford days? Did he not recently extend the episcopal ægis to Major the City-Road-Devil-dodger, when that converted reprobate pitched his tent within the very shadow of the palace, and preached eternal damnation in the choicest Cockney? Indeed, the Bishop has been known to smile on Mr. Spurgeon, and beam benevolently upon metropolitan Moodies and suburban Sankies. The curates of his diocese were not interdicted from cricket nor his rectors from lawn tennis; and I am not in a position to contradict the rumor that the Bishop has been known to cut into a rubber for "silver three pennies," and in the shadow of a stage box once saw Mr-Irving play Shylock.

Indeed, when Julian, his only son, was at Eton, his father rejoiced more at his winning the public school rackets than in his carrying off the Prince Consort's prize for foreign languages; and when up at Oriel he found his way into the eight the Bishop's joy was so great as to be at mo ments positively undignified. He liked his son to be in the best set in town; he cheerfully paid entrances and subscriptions to various clubs, the names of which were certainly unfamiliar to him, but which Julian assured him were "necessa ries" even for a Bishop's infant. A rich and honorable alliance for Julian began to he a very definite object in the episcopal eye, and consequently he highly approved of Julian's country-house visits; his cheery letters, containing catalogues of the notablities with whom he had danced or shot or played charades were balm to his soul; and at breakfast, over an account of the previous evening's dinner and dance, the sacerdotal spirits sensibly revived. Nominally Julian was going to the bar, and duly ate dinners, or rather sulked in digmified silence at the Middle Temple six o'clock mess in full evening dress, and refused the proffered joint on the ground that he never ate boiled mutton in the afternoon. Naturally enough this statement irritated his poor brethren, especially as it was Julian's wont to bolt to the Orleans for dinner the moment grace was

Bearing these facts in mind, it will h understood that the Bishop was rather had been frequently seen at Mrs. Gideon letters presently.

Blewsby's "small and earlies" in Cockerton Crescent, Bayswater, and hads ubsequently been observed at St. James's Hall on Monday evening, apparently enwrapped in the strains of a Spohr quartet, in company with a pretty little girl known to all Bayswater as Kitty Blewsby. When finally Miss Crabbic told him that the pair had been noticed shopping at Whiteley's he could stand it no longer.

"It won't do, my boy," said the Bishop one day. "She may be all you say-prob. ably, is but then you know Blewsby is a solicitor-attorneys we used to call themand a Dissenter, and I don't like it; besides, the Crabbies talk about it so."

"My dear father," said Julian somewhat hotly, "Miss Crabbie is a member of the Browning Society and an Esoteric Buddhist, and all the rest of it; but she's a frowsy old gossip for all that, and Miss Blewsby is a charming natural girl, and worth fifty of Crabbie, and---" The Bishop looked aghast.

"Besides, you know, going to the bar ne must make friends with solicitors, and her father has lots of work to give

Even the professional plea didn't soften the Bishop; and he wrinkled his brow and his apron-both usually smooth-as he said indignantly, taking his bedroom candle, "Preposterous! perfectly monstrous! I'm ashamed of you!"

Why Julian rushed up stairs after his father had retired, put on a fresh tie and dashed into a hansom, I don't quite know, but in a quarter of an hour he was laughing with Kitty Blewsby. Dear little Kitty -riante, maidenly and witching-looked up with frank delight in her lover's eyes (for of course it is no secret now that they were lovers at this time), and flushed as she listened to Julian's somewhat irreverent account of his recent interview.

"You do believe me, Kitty?" he pleaded; and she looked grave and said nothing; but she certainly danced with him. And all Cockerton Crescent chuckled over it; a young person in book muslin and a pink sash sang, "Oh that we two were Maying," with evident meaning, between the polkas; and Julian satnext to Kitty at the sit-down supper, and pulled crackers with her, and carved a game pie; there was no finesse about Cockerton Crescent, I assure

Miss Esoteric Buddhist Crabbie told the Bishop all about it, and there is no doubt the Right Reverend Everton and Tauphie was very cross. There was a stormy inter view; so far the paragraphs that appeared in the weekly journals were quite accurate. But it is quite false (as I am instructed) to say that Julian literally cut the episcopal apron strings with a carving knife. Still, admit the interview, and I also am bound to acknowledge its stormy character.

The succeeding week was a fierce one for everybody concerned. The Bishop roundly slated three rectors and a dean, and sacked a new curate who had presumed to adopt a sou'-sou'-western position during collection; Julian had a bad week at Sandown, naturally enough, for he only backed horses whose names began with K; Miss Crabbie read a paper on "Historic Feminine Sinners" before the Notting Hill Debating Society; and Kitty cried. These events are now matters of history.

The subject came up again, and this time the Bishop was volcanic. "Marry her! dare to dream of marrying her, and ily. At last he was duly "called," and you may go and play lawn-tennis with Tom Hughes in New Rugby for a summer, and starve for the rest of your life. I won't send you to the bar; I'll cry down your credit-O Julian! you-you-Apos-

It was the only word the Bishop think of at the moment, and it fitted remarkably well.

But the Apostate was very quiet indeed this time-meekly seemed to acquiesce in his father's views; and then, to the Bishop's bewilderment, threw over all en gagements, refused all invitations, and settled down soberly and discreetly to work in Mr. Meeson Welby's chambers, with whom he was reading. Home to dinner punctually every evening; talked little politics or a sensational trial with the old gentleman; but after his coffee promptly betook himself to his "Storey, his "Taylor," his "Broom," and his brand new copy of the "Reports." Julian meant to be a barrister, and, oldly enough, evidently meant to learn law before, instead of subsequent to, his being called, which shows what a very original young man he

It was perplexing. Julian the Apostate had recanted his social heresy so thoroughly that the Bishop was suspicious. The man worked, no doubt of it, and would have nothing to say to the cloud of white cards that settled all over the mirror in his study like a flock of butterflies. He was seemingly happy; and the whole thing was perfectly amazing.

I grieve to say that his lordship became kind of amateur detective: he watched every letter that arrived; he called on Meeson Welby, and found that his son was his most punctual and most industrious pupil.

"I assure you, my Lord Bishop," said that distinguished advocate, "he knows vast deal of practical law, and has the making of a very excellent 'devil' in him." The explanation was startling, but very gratifying when properly explained. Still, here the matter was: Julian the Merry had become Julian the Mysterious, and there was no clew to it all.

One memorable evening the bishop, having finished the sketch of a charge mean, of course, such a charge as would be produced by Bishop Butler, not Mrs. Butler), sat in his study, brooding over it all. He was "doing his best for his boy." he kept repeating to himself; but his spiritual wrestlings were disturbed some way. and between him and the fire there came at moments a glimpse of a certain wistful little face he had once seen with Julian in the park, and a photograph of which said little face hung framed in old-gold plush beside Julian's bed. His lordship's musings were interrupted by the sound of his son's quick step on the stairs, and then his voice.

"All right. Pollard. I'm just running out to post a letter; I'll be back to dress in five minutes."

"You can post it here, Master Julian." said the voice of the old retainer, the hurt when it came to his ears that his son Bishop's butler; "I'm taking his lordship's

"Quite sure it will go all right, Pollard? Very well, then." There was a metalic 'flap" as the letter was dropped into the big oak pillar-box that stood in the hall, and then Julian ran back to his study.

A letter? To whom? Why wish to post it himself? And then I fear some little demon had the audacity to whisper in the Bishop's ear, for that good man was dis quieted, and rose from his chair. The room seemed hot, so he opened the door The hall looked cool so he walked into it. There was no one there. Like Eugene Aram, he "took three hasty strides," and then stopped opposite the oak lock-box, of which he and Pollard had duplicate keys.

"After all, there can be no harm in just

seeing to whom he is writing; it might be

some vile money-lender; and besides,

added the Bishop to himself, "I may possibly have misdirected some of my own letters." Still he paused, and the little demon kept whispering: "Take it out! take it out!" Finally, with a quick beating heart, the Bishop opened the box. Was that a noise! No, only the parrot. "Hate parrots," he thought, as he peeped Yes, there it was, right on the top of the pile, addressed in Julian's big goodnatured sort of a scrawl. Feeling very like a fraudulent bank secretary borrowing securities from the "strong-room," but still urging on his conscience that he was doing it for the best," the Bishop put the letter in his pocket, slammed the door of the box, and retreated with his prize to his study, just in time to hear Pollard panting up from the regions below to send the

best." The letter was addressed to

Miss Kittt Blewsby, 214a Cockerton Crescent, Bayswater.

post off. Would that old servitor discover

the loss? Should he rush out and restore

it? No, he would be firm; it was "for the

Corresponding with her secretly! Mon strous! It must be stopped at once. His fingers played with the envelope as he held it up between him and the fire. "No, no can't do that: wouldn't be honest," said the Bishop sternly; and having comforted himself with the reflection, he locked up the letter in his drawer, and then the dressing bell rang.

Julian was very pleasant and bright that day at dinner. He told his father old Oxford stories, insisted on pledging him in the old '47, and when he ran off to read (he never went to the theatre now), he dropped into the drawing-room and ran his fingers lightly over the keys of the Erard. The Bishop heard the music as he sat brooding and melancholy and remorseful, in the room below; for all that he hardened his heart like Pharaoh, and would not let the letter go, because "it was for the best"-a bit of jesuitical casuistry that he nevertheless derived but small comfort from. It required much more Pharach like flintness to endure Julian's first anxious, and then disappointed, face, when the early post next morning, and several successive posts for the next two days, failed to bring him something he evidently looked for. The inquiry: "Anything for me, father?" and the invariable an. swer: "Nothing, Julian," became a little tragedy, in which the Bishop felt he was cast for "first murderer," and he was by o means easy in the part.

The piano was never opened now, and Julian stuck to his work quietly and pluckvon the £100 prize given by his Inn for an essay upon "Probate and Divorce as practiced by the Early Aryan Races." He never slackened work for a moment, but went to court every day, and still pre served the same quiet mysterious manner that so baffled and worried the Bishon His fun seemed to have all evaporated, and in its place he had a purpose. His father had a bad time of it-passed sleepless nights, and even went so far as to read the essay on Probate and Divorce. Once he suggested in playful fashion to Julian that "now that he was on the high-road to the woolsack it was time for him to look about and settle;' but he only elicited a rather solemn Don't let's talk of that subject, father, and felt snubbed.

It was clear to the Bishop that he had succeeded in alienating Julian's affection for Kitty; but he certainly never meant to make a confirmed misogynist and a bigoted bachelor of him, and this was seeming ly what had happened, for dancing Bel-

gravia knew him no more. It was precisely at 9.45 on the evening that has been so much talked of that the Bishop was strolling home after attending the great conference that met to discuss the long-vexed question concerning Archidiaconal Functions. He had once been an archdeacon himself, and he sympathized with the rather vague position of the Very Reverends, and he was really rather pleased with the resolution he had proposed making gaiters and broad brims obligatory on them as a class, although dear old Sawdust and Bran (a brother bishop) had so stoutly opposed it on the ground that it would lead to aprons. It is right to mention this, as, it accounts for the Bishop's preoccupied manner that evening. Passing up that pleasant little segment of a circle that is called Dean street, the Bishop noticed a carriage whisking rapidly westward. A glance as the lights passed by showed him a glimpse of a pale, sad young face, with a square line of stiff linen cutting across the brow. round which fell the black folds of a nun's veil; the dress was that of a religiouse of some order.

The Bishop was thunderstruck, It was in those mysterious Anglican sisterhoods. against which he had so often inveighed.

renouncing-"I renounce the devil and all his works!" exclaimed the Right Reverend Lord of Everton and Tauphie, interrupt. ing his own thoughts; and then, to the astonishment of Sam Snappers, who was passing at the time (and who, I firmly be lieve, wrote all the stupid paragraph about it), the Bishop dashed down after the retreating carriage, with apron flying, mud spattering, and small boys cheering

episcopal hundred yards, quite the best THE TALE OF AN UMBRELLA (ecclesiastically) on record. He didn't care What were convenances beside conscience and convents? Away he went toward Park Corner, and by dint of most undignified shoutings succeeded in stopping the carriage just as it reached the hig bronze warrior who now shelters himself in sculptured sulkiness under four trees

opposite St. George's Hospital. It was a Bishop's charge with a venge

"You, my Lord Bishop!" cried out the little white nun, shrinking back as he puffed at the window; for she was quite familiar with his appearance, although this was their first interview.

"Let me in, my dear Miss Blewsby; must talk to you and at once," and as be got in he panted out "Home!" to the astonished coachman, who had never seen a Bishop in a hurry before.

"What does this all mean?"

"Oh, I'm so sorry!" sobbed Sister Kitty, viping her eyes with her veil. "I never thought you would find it out, and of course it was very wrong; but, you see, they made me promise, and there are many other girls I know there, and what could I do? I loved him so!"

ferred to have been preached to death by wild curates, (as Sydney Smith once suggested, than face a pretty girl in tears However, he was bound to go through with it now; so he nerved himself and said: "Miss Blewsby, listen to me. I never thought it would come to this; I never anticipated such a terrible catastrophe. That dress! that veil! I am bound as a good Churchman to earnestly protest against it; and what is more, as a man, as a father' (here the Bishop's voice perceptibly faltered), "I have a few serious words to say." Kitty clasped her hands tightly and was silent in an instant. "I was wrong. I have stood between you two; I-I regret Only tell me that it is not too late to prevent you taking this fearful step. No. don't speak; you will do me a great favor if you wipe away a stain that-now do listen" (Kitty hadn't said a word, she was frightened). "Please go home at once, and promise me to take off those infer-

hands and looked earnestly in her face. "But I vowed I would go to-night, and everything is ready for me; and you startle me so. Do you really mean this?" she added somewhat pleadingly and timidly. "I pledge you my word I am in earn

infamous things, promise you will not go

"It's too good of you-too good. Yes, I'll go home." And then for some unheard-of reason, Kitty cried again, and the Bishop felt very awkward-so much so that as they were passing his corner he chucked the check-string with a jerk that almost pulled the coachman inside, and threw the horses on their haunches.

"Good-night," he said, as] he stepped out; "we have made each to each a prom-Keep yours, and Julian shall come and see you to-morrow." Then he left her and walked home feeling that he had exorcised the little demon.

Another and still greater shock was however, in store for the ill-starred old gentleman. As he came into the hall and passed by the fatal pillar-box he saw Julian stealing down-stairs in a monk's robe, his feet in sandals, his waist girt in his hand. In a moment father and son seeming all the daintier for its were face to face.

"What, you too!" cried the Bishop. "O Julian, this is too much! I have saved fire of ejaculation: "She'll get her deathher; I may be yet in time to rescue you. Julian, you shall marry her!" And then in a hurried fashion he poured out his story, ending with: "And now that I have promised, tell me to what vile seclusion the poor girl was going, and where you were about to bury yourself and break my old heart?"

Julian's eyes had danced with joy as he listened, but he looked grave as he answer ed: "I cannot tell you how I thank you father; but don't let us have any mor secrets. There was no thought of vilseclusion nor of burials; she was going to take part in Lady Fanciful's tableaux vi vants to night, and, I confess, so was I. We were both in the same picture, designed by Sir Rose Madder, you know; and now I shall have to try and get an under study for her, or cut out the nun alto gether, which will spoil the tableau. But, father, she is such a dear lovable girl, and ndeed I meant to work for her and win ner, and this was a pure accident. We only met at rehearsal a week ago, and made it up. The fact is, I had quarreled with her because she never answered a most important letter ----

"Don't say any more, my boy," said the Bishop, sadly and slowly; "go to Lady Fanciful's. There has been a-a mistake somewhere. I'm glad it is all right. Good night. Julian." then he kissed his son and went into the study.

That's all I know about it, and I must say that certain journals have cruelly distorted the true facts of the case .-- The London World.

A Physician's Revenge.

An old duchess on one occasion reques ed Dr. Abernethy to pay a professional visit at her house. The doctor went as requested, and was introduced into the Kitty Blewsby, poor little Kitty, and in drawing room, where the duchess, with that dress! The thought flashed quick tears in her eyes, showed him an ugly litupon him, of course she was going to a tle monkey, apparently in great agony, convent-immuring her young life within lying on elegant cushions, and almost the fatal walls, sinking all her love and all buried in lovely laces. The doctor felt Julian's hopes in the dread vows, sacrificed | thoroughly disgusted at being called upon to act as a monkey's doctor, but nevertheless, through humanity, acquitted himself conscientiously of the duty imposed upon him- He felt the monkey's pulse in si lence, examined it with attention, and soon recognized the nature of its illness: then, perceiving the lady's grandson in a corner of the drawing room rolling about on the carpet, he advanced towards the child, examined him also, felt his pulse, and, returning to the duchess, said to her tit), the Bishop dashed down after tit), the Bishop dashed down after treating carriage, with apron flying, spattering, and small boys cheering John Gilpia's ride was a crawling Mayor's Show compared to the duches, said to her in a grave manner, "Madam, your two sons are suffering from indigestion. By drinking tea and living on a plain diet they will soon recover." And, bowing profoundly to the stupefied duchess, the doctor retired, avenged.

BY C. D. CARDINAL.

" Can that be Annie Shepherd?" The speaker half rose to his feet and

ooked eagerly out of the window. The expression that settled upon his face left no doubt that it was Miss Shepherd. "She has less common sense than any

woman I ever knew," he said, with impa-

Such a rain as it was! Nowhere can nore triumphant deluges come out of high skies than in the Traverse region. The bucketsful that were poured into great swashing sheets, came from such an altitude that one's breath was fairly dashed out of one's body if caught in a sudden gust round a corner.

Summering! Pleasuring! And here at Harbor Springs it was cold as Siberia. A north wind that had come over all the ice of the poles had met a tremendous thundergust from the equator, and the two together were having it out. And, of course, as a part of an idle man's luck. this contest must occur on the very day he had set to take Miss Shepherd with him to a romantic dell he had discovered Now the Bishop would have vastly presomewhere in the neighborhood.

"Is it possible?" he exclaimed again, as he worried about in his chair, evidently too much nettled with disgust to be able o keep still.

Now, Mr. Manchester had been hard hit. He, a typical Chicagoan -blonde, of course, rotund, mediumly bold, not very young-had been so well greaved, so armed cap-a pie, as it were, that the hit had literally stunned him, and everybody

lse, with surprise. Seated in the comfortable hotel office, he had done nothing all this day but watch through the streaming windows the pelted and drenched street. The bulk of the tourist guests had gone on a steam er excursion to Mackinaw the night be-

He had been invited to join this party to the island, but after the adroit discovery that Annie Shepherd had declined going, he also had declined. His reasons for so doing were patent to every one but himself.

to where I grieve to learn some of your Then had followed that little episode of companions have already gone; and on my his invitation to her to join him in a walk honor you shall marry my boy if you like. next day. This had been hastily whis-I swear, I mean, I affirm it;" and in his ex. pered in the hall on parting at night, and citement the Bishop took both Kitty's ccepted with a nod and a smile. It was to be to a wood near by, where a free, clear spring gushed and roared down a black-earthed declivity. It was one of the dampest, mossiest spots in the whole region. He had once found a bear's fresh track on the moss, and had christened it therefore "Board of Trade Glen."

But the rain had put a provoking stop to this plan. And Miss Shepherd had capped the peak of his disgust by pleading "headache" as a reason for keeping out of sight all day, he having called very early in the forenoon.

Yet there she went, or his eyes had lost their cunning.

It is true there was a lull in the rain. but none in the wind. And with a headache, what could tempt her out? Too ill to see him, and yet well enough to brave this tempest!

She went down the steps, clad in a gossamer, and with her umbrella up-an umbrella big enough for two. She must have had the limbs of an Atalanta to move with such equable grace and strength, for the wind tried its wickedest to puff out that ugly, ulster-shaped thing, and to with a rope, a cowl drawn closely round make her fine, slender outline look fat. his handsome face, and a bedroom candle He caught a glimpse of a good, stout boot, And watching and mentally taking in all the fine points, he kept up a scattering cold." "Was there ever such an unreasonable, unprognosticable creature as

> She disappeared, fluttering like a loose ailed pirate-craft round the corner. He knew just about her course when he

saw her turn to the right and bend herself to meet the blast, which was directly n her face. He rallied his senses as he lost sight of

her. Bang into his chair went the book he had not even pretended to read; up the stairs, two steps at a time, he sprang, and presently returned arrayed in Edinburg great-coat, and leisurely puffing a newly lighted cigar. A good observer would have noted an hour before that the weather was likely

to clear. There was a pale, yellow streak in the north, and a tendency to lift and take flight on the part of the clouds. These signs were at the bottom of Miss Shepherd's venture, but Mr. Manchester's perceptions had been too long dulled by his native smokes for him to have detected the imminent change. Consequently he was greatly astonished

when, upon stepping along the veranda and spreading his umbrella, he found the rain had entirely ceased. As his friends well knew, foremost among the things he hated-there was a long list of foremosts -was an umbrella. So finding that he did not need one, he recklessly set his down in the rack in the hall and sauntered indifferently out. He did not directly follow Miss Shep

herd's route, but struck off into a street that was sure to intercept her. After much readjusting of hat and coat, he finally settled down to genuine hard work in meeting and resisting the wind. It was a gusty gale. It smelled of the

white caps that were tearing along the shore, and of the Norway pines, black with wet but unrumpled, that clothed the He gave up his cigar at once as unprac-

ticable, and flung it away. He was in sight of his will-'o-the-wisp, for she, not offering as great a bulk of resistance as himself, had not got on famously against the opposing force. She had shut up her umbrella, but as

she could not keep her gossamer within any decorous limits, she looked very much like a pedestrian balloon, and Manchester laughed to himself at the way the elements dared to trifle with her grace. A little refrain burst out in his head.

I should call her-I should name her, Hamadryad of the-Caoutchouc!

It was inglorious as to rhyme or meas ure, but utilitarian as to quality, as befitted a commercial man.

Now he put forth his muscle. He left the umbrella, and scanning it its entire off walking—he strode. She was flapping length, he said, with some exasperation: along the beach in advance with a streaming blue veil out for a pennon. But she couldn't have done better if she had been

forced into petticoats. Still he gained upon her sensibly. He found superabundant zest in something. Ozone? Lung expansion? Or was it the tantalizing, never-twice-alike woman who eluded while she led-the woman with less common sense than any he had ever known?"

Zest there was, at any rate, that brought ruddy color to his face and cleared away the discontent of the morning from his spirits.

He had quite overtaken her before she knew of the pursuit.

" Let me carry that umbrella," he said. without preface. "If you please-it holds several pound

of water, and I am tired of it."

" I did not start till the rain was over" an accent of self-righteous complacence on the personal pronoun. "I was out just in time for the final

dash," and she delivered over to him her water-soaked burden. He shook it out, refolded it, twisted it into as close compass as possible, buttoned

it, and then used it as a cane. "Is this the way to Board of Trade Glen?" shd asked, with mischievous

glance " Quite the opposite-entirely opposite. But-shall we go there?" halting and half

eager to carry out his first purpose. "Oh, no. I think I prefer the open beach. It would be like a stroll under a street-sprinkler to walk in the woods

"How is the headache, Miss Shepherd?" moving along gravely after this rebuff. A sudden expression swept over her face that looked to him like guilt. He

directly felt a suspicion, half angry, half nelpless, that he had been put off all day from seeing her by a mere hackneyed plea -a sort of feminine professional escape. Before she could answer, he added Oh, it has served its purpose, probably, and died, like any other ephemera."

To have him crabbed usually amuse Miss Shepherd; to have him ironical froze her into indifference; but this direct assumption that she had been shamming gave her an unwonted sense of pain. The truth was, she had waked in the

norning with the headache, and sent him a message to that effect when he had desired to see her at an unreasonably early hour. But it had passed off, and she had quite forgotten that it had ever been. Do you think that a headache is a

part of my stock in trade?" she asked, with a high color. "Oh, no! forgive me: of course I don't

If I did think that, it would be to class you with all other women in that particular. And in no particular are you like any other woman." That was making amends with a ven-

geance. Silence followed the speech. "Isn't this too much effort for you, Miss Shepherd-this battle with the wind?' after a pause.

"Oh. no: I like it." "But if you were to take my arm I am sure that it would steady you until we get in the lee of that wood; then it will be very much easier."

"I do very well alone, thank you." " H'm·m!"

"Is this a favorite promenade, Mis Shepherd? I should think it might be fine exercise to walk here when the sand is deep and dry. It must come over one's temper. "Is that your strongest simile, Mr

Manchester?"

"I do not think of anything at present that would strengthen it."

"I do walk here frequently. Now and then I meet a stray Indian woman. You have noticed the grace of these squaws? It comes from their preference for the sand as a promenade. But they generally carry a basket of fish or a pappoose on their shoulders, to effect a proper balance.

"They are hideous. They don't walk

-they plough." "Try the beach some day yourself, Mr. Manchester, and see how easy it is to be graceful."

"It is easy now, at least," he said, sigificantly glancing at her, really brimming over with compliment, and anxious o get below the tart crust of her mood into the lurking places of her sweetest humor. She ignored him.

She halted now, tracing the faint ridges in the sand, where each outgoing wave left the record of its journey. "They are all aspiring," she said; "but

one washes out the trace of the other with just as little mercy as men show to the wave of their fellow men." "If the shore lines were always the same, this fresh, buoyant lake would be

a stagnant pool. We should all die of it. Better the stirring and rubbing out than the standing still. Aren't the new wavemarks as graceful as the old?" " Perhaps."

This half-satirical sparring was one of

their customs. She seemed specially to delight in it. He was always glancing off into personalities-her personalitybut she liked to reflect, and to say per verse things. Just then a longer-reaching swash cam

Thanks to the stout boot, she got away with little wetting. But Manchester was distressed. "Your feet are wet, Miss Shepherd."

boldly up and crawled all about her feet

"On the outside-yes."

"Be reasonable. The water must hav creptinside, I am sure; and it is a grea

"I get them wet every day. I never suffer from it."

"I have a suspicion that, in order to keep you out of the water, one would have to command you to go into it. I am sure you would go dry-shod all your life if some one should plead with you to wade."

Oh, how she tantalized and vexed him. "Really," in a half-injured tone, "they are thoroughly dry. I run no risk. Manchester deliberated before he made

"How does it happen that for merely once asking I am in possession of this did keep her feet admirably. Diana article? I should suppose that because I wanted to carry it I couldn't have had is on any terms."

"Oh, that is easily explained. You did not want to carry it—it was merely stress of politeness that impelled you to ask to do it. If you had really craved the pleasure, of course you couldn't have had

"I hate an umbrella!" he answered with vehemence. "You can have it back, Miss Shepherd. It will serve as support instead of my arm."

"I get on very well without either." she replied. No sooner was this uttered than a sucden whim on the part of the storm sent the rain pouring down upon them. It

was a retiring salaam-an evasive an revoir. There was a moment's grim satisfaction o Manchester in seeing the water dashed into her defenseless face. He would have felt thoroughly justified in leaving her to get the full force of it as long as it should

But pity and tenderness very quickly succeeded.

With great difficulty he opened the un brella, took her hand with firmness, drew it closely within his arm, and sheltered her as best he could. A group of dwarf pines was near, a

little back from the beach in the sand He drew her toward them, and they proved an excellent barrier against the storm. It was comparatively calm there, but she was forced to stand very close to him, so as to avoid the deluge. He looked down into her glowing face

It did not seem at all to him as if either of them lacked good sense in being there. It was delightful, blissful. "Would you have been as generous to

me," he said, bending down to her, "if you had had the umbrella, and I had been trying by every means to pick a quarrel with you?" " Quarrel?" She lifted her eyes in surprised question

moment, but dropped them at once with

a vivid blush. She met something in his

which were at too close range to be evad.

ed, that made her heart beat terribly. But she rallied. "I never quarrel. It is you who distract me always; and because I am not docile, you-" I?-

"Yes. You-"Yes, I-love you, Annie."

There was no escape, no room what ever for coquetry. To turn to the one side was to be drenched, to turn to the other was to be almost within his arms. She was at a tremendous disadvantage.

She wanted to laugh, but, instead, a little

tremor went over her chin, and she began to cry. How he comforted her, how he soothed her, let the umbrella tell, for it shut them away from all observers until her self.

control was quite restored. When he lifted it again to take a peep at the prospect without, she was smiling "Rival showers," he said, with a spark

of malice. The spark kindled no resentment. Sh would not seem to hear.

"Do you hate this umbrella?" was her adroit question to turn the subject. Obscuration again caused by the umbrella's sinking once more over their heads. Standing in the rain for a length of

ime may have romantic elements in but can never be wholly without anxiety or discomfort. Manchester liked one feature of it-the proximity. But however kindly the umbrella had

lent itself to their purposes, it had failed to keep them dry. So they started homeward, arm in arm. as they had not come. He was tender,

she compliant.

"How much sweeter a woman is who has been vanquished, than one born tractable," thought the victor. The wind was now at their backs, and helped to speed them along. It must have had a sense of the ludicrous abouting too, for it suddenly got under the umbrel-

la, and almost carried it out of Manches

ter's hands. The handle would stay with

him, but the top would not. It made a complete revolution of itself-in other words-turned wrong side out. Miss Shepherd was forced to relax her grip on her lover's arm; his energies were centered elsewhere. In one moment more the fatal "yes" would have been spoken; but fate interposed a hiatus, as fate is apt

Manchester had a great deal of obstinacy that was wont to come to the front in emergencies. Neither his attitude nor gait was at the present moment dignified, but he manifested a determination not to be conquered by an inanimate thing he had so often reviled.

He was in a fine chase after it, when his hat caught the contagion, and went flying off his head in advance. Then disgust overcame him. He gave the umbrella a gay toss, and, bareheaded, returned to Annie. She was laughing

very merrily. "I can live without them," he said taking her hand and drawing it through his arm; "but I can't live without you Give me your answer. Annie."

"Ah, but look at yourself! You run great risks in being so uncovered!"-with the same accent of concern that he had

used about her shoes. "No matter. Tell me!" He was irresistible. "Yes, yes, then; but do save my um-

hrella!"

He gave her a broad-daylight kiss, and then went after the recreant article, while she did the same for his hat. They were a very contented twain when at length they reached their hotel, neither

of them seemingly the worse for the weather.

Manchester found, in accordance with the universal law, that his umbrella had been abstracted during his absence from the hall where he had left it. His was a nice silk one, slim as a cane, imported, while this one he held in his hand was

meant for bucolic uses only. "Never mind," he said, as they parted at the foot of the stairs, "one umbrells will hereafter do for both."-Box any further advance. Then, lifting up Times

THE TRAMP PRINTER.

od mornin' boys, and how is biz? I'm a seedy food morning looking tramp, for see, last night my little bed was just a trifle missed the train-that's funny, too-and then

I walked the rail; found my bed, as I always do, when the connec set night I dreamed a dream, and wish I'd never

boys, I dreamed I lived again oefore I took saw the forms of other days-they've climbed

the golden hill; mingled with a homely throng-I wish it was so cas a banquet spread at that old home, and all

were gathered there, owd around the festal board-paternal blesssee, I lived my life again-oh! happy days so

s[slept in my dew-damp bed in the shadows poor tramp printer has a heart hidden 'neath

his ragged garb; and times is roaming this land, and I have felt its ad fellows, when I woke this morn with cramps

and mental pain, lay God forgive my wicked wish to never wake

made some justification in this ancient, batter ad my benzine wash I've thrown aside; it has brought me too much harm;

90r He, who searches every heart, will many

proof has been corrected-a revise will needed

Mytramp is almost ended now-old age will end for see, my hands are trembly, and I cannot hold

8at I've made an application, at the city made of and long to hear the answer, "Tis a case that you

-Printers' Circular.

Life at Bootjack Logging Camp. Inut up at Bootjack Camp, on the raging Willow River, where the gay-plum aged chipmunk and the spruce gum have

Winter in the pine woods is fraught with fun and frolic. It is more fraught with fatigue than funds, however. This winter a man in the Michigan and Wisconsin lumber camps could arise at 41 A. M, eat a patent pailful of dried apples, soaked with young Hyson and sweetened with Persian glucose, go out to the timber with a lantern, hew down the giants of the forest, with the snow up to the pit of his stomach, till the gray owl in the gathering gloom whooped and hooted in derision, and all for \$12 per month and stewed prunes. I did not try to accumuate wealth while I was in camp. I just allowed others to enter into the mad rush and wrench a fortune from the hand of fate, while I studied human nature and the cook. I had a good many pleasant days there, too. I read such literary vorks as I could find around the camp nd smoked the royal Havana smoking obacco of the cookie. Those who have not lumbered much do not know much of true joy and sylvan smoking tobacco.

They are not using a very good grade of he weed in the lumber region this winter. When I say the lumber region I do not refer entirely to the circumstances of a weak back. (Monkey wrench, oil can and it's disgraceful for a man of family to show screw driver sent with this joke; also such a bad example to his children. rules for working it in all kinds of goods). he helped himself to another fish ball, "and The tobacco used by the pine choppers in the Northern forests is called the Scandihoovian. I do not know why they call it to see what is in the mail." that, unless it is because you can smoke it in Wisconsin and smell it in Scandi-Mrs. Burlap who has just married a third hus-

When night came we would gather band, that I can have somebody to wait upon around the blazing fire and talk over old me to church as well as she." times and smoke this tobacco. I smoked it last week, then I bought a new mouth ing, while he set his wits to work to escape and resolved to lead a different life. Il from the poor preaching and the worse singing shall never forget the evenings we spent of his wife's favorite place of worship. Fortogether in that log shack in the heart of tune came to his aid, as she does to all schemers, for on going to his wife's room he saw a the forest. They are graven on my memory, where time's effacing fingers cannot monkey with them. We would most almost converse. The crew talked the Norwegian language, and I am using the den influx of religious fervor. I'll punish you English language mostly this winter. So each enjoys himself in his own quiet way. This seemed to throw the Norwegians a good deal together. The Scandinavians soon learn our ways and our language, but prior to that they are quite clannish.

The cook, however, was an Ohio man He spoke the Sandusky dialect with a rich, nut-brown flavor that did me much good, so that after I had talked with the crew a few hours in English and received their harsh, corduroy replies in Norske I gladly fled to the cook shanty. There I could rapidly change to the smoothly flowing sentences peculiar to the Ohio tongue, and, while I ate the common twisted doughnut of commerce we would talk on of the pleasant days we had spent in our native land. I talked to him of his old home until the tears would unbidden start, as he rolled out the dough with a common Budweiser beer bottle, and shed the scalding tears into the flour barrel. Tears are always unavailing, but 30metimes I think they are more so when they are shed into a barrel of flour. He was an easy weeper. He would shed tears on the slightest provocation or anything else. Once I told him something 80 touchful that his eyes were blinded with tears for the nonce. Then I took a pie and stole away so that he could be alone with his sorrow. -Bill Nye, in the Denver Opinion.

The Girl of the Period.

"Uncle Bill," the philosopher and Observer of the Chicago Herald, says on this interesting subject: The aspect of the fashionable girl, as observed in her highest development on Fifth avenue, is not unlike that of a brisk equine racer. She holds her nose high and her neck outstretched; her hair, as pulled up behind and closely fastened in the newest style, is like the braided mane of a horse close-reefed for running, and her gait is so accelerated and bounding that she reminds me of a two-year-old colt in the first dozen leaps of a half-mile dash. She has become a pedestrian since spring set in, and she has closely imitated the English model. Her feet may be no bigger that the small American standard, but the shoes on them are wide-soled and low heeled, so that she steps flat and solid. Her stride is a stride indeed, with nothing you to think so."

mincing or femininely apologetic about et, and in speed not less then five miles an hour. She does not clasp her hands in front, forcing her body to wiggle convul sively if she walks rapidly, but lets them

an artist friend, to whom I was enthusias-

tically praising her, "so long as she dis-

tortingly squeezes her waist into unnat-

"Hold there," I replied, "she has also

reformed that abuse, too. I am informed,

by a person in a position to know, that

she wears for her pedestrianism what is

called a walking corset-made to order,

two inches greater in girth that the one

in which she incloses herself for ordinary

occasions. She hides this sensible meas-

ure under a loose wrap, but it is there.

Kissed the Wrong Girl.

On one of the seats in a railway train

was a married lady with a little daughter;

opposite facing them, was another child, a

on, and a colored nurse and a baby. The

mother of these children was a beautiful

matron with sparkling eyes, exuberant

health and vivacious spirits. Near her sat

a young lieutenant, dressed to kill, and

By and by the train approached a tun-

nel. The lieutenant leaned over and

whispered something in the lady's ear.

narrative we must tell the reader what was

"I mean to kiss you when we get into

"It will be dark-who will see it?" re

Into earth's bowels-into the tunnel-

ran the train. Lady and colored nurse

quickly changed seats; gay lieutenant

threw his arms around the lady sable,

pressed her cheek to his, and fast and

furiously rained kisses on her lips. In a

few moments the train came out into

broad daylight. White lady looked

"Jane." said the white lady. " what have

"Nothing," responded the colored lady.

"Yes you have," said the white lady,

not in an undertone, but in a voice that

attracted the attention of all in the car:

"See how your collar is rumpled and

Jane, poor colored beauty, hung her

head a moment, the observed of all ob-

servers, and then, turning round to the

"This man kissed me in the tunnel!"

Loud and long was the laugh that fol-lowed among the passengers.—Ex.

VARIETIES.

"Now, Timothy," said Mrs. Timblethorpe

one Sunday morning not long since, "I want

you to go to church with me to-day. You real-

ly have not been there for three months, and

"I am tired," remarked Timblethorpe, a

besides, I have got to go down to the postoffice

nettled tone, "your letters can wait until the

Timothy groaned in spirit, but he said noth-

new bonnet shining in all its glory upon the

"Humph, my lady," he murmured to him-

for your hypocrisy, and reward my virtuous

most seductive voice, and presently there ap-

peared in the apartment an enormous tomcat.

Timblethorpe said nothing, but shut the door

on the creature of the feline breed, and when

Mrs. Timblethorpe opened it a few moments

after she found her bonnet upon the floor, and

the heads and feathers of the birds that adorn-

ed it scattered about in various directions.

Mrs. Timblethrope did not go to church that

morning, but Mr. Timblethrope went to the

postoffice as usual, and enjoyed his after

breakfast cigar with the serenity of a man who

Av anacolote of the recent engagement of

Mr. Henry Irving in an eastern city, although

During the first performance of "Louis XI"

lady found herself seated next to a party of

three intensely typical Boston girls, who ob-

served the development of the play with that

reserved, serene and critical aspect for which

their class is noted. The lady was more en-

thusiastic than they, and at various points

which the actor made was not chary of ap-

plause. At last, when a particularly strong

situation had been met and mastered, she ex

ed at her in a quiet, superior way, and the

nearest of the party, in a calm, and very dis-

"Pardon me, but I have not yet experienced

Afterward in relating this incident, the ledy

"I had in my dress at the time a long shaw

pin, and I was awfully tempted to jab into the

cold creature's arm, to see if she would feel

A PRETTY and dashing little lady who called

at the Newspaper Union the other day to see

how type was set on end, asked the foreman if

"Oh, yes," said he, "if I were allowed

quoin' in Christendom would I 'take' ad-

vantage of your ignorance, and I would give

you 'proof' that you are not my 'dupe'-

rather I would 'slug' the person who had 'lead'

late in coming to hand, is well worth telling:

dressing case.

self at the same time."

had done a good thing.

claimed, sotto voce:

tinct voice, said:

any 'thrill' at that !"

he could print a kiss.

lock up your form."

with a 'stick.'"

any thrill."

said:

"Ah, he is, indeed, great!"

"Nonsense," replied his spouse in a slightly

gay lieutenant befogged.

you been doing?"

bonnet smashed."

lieutenant replied:

whispered and what was the reply:

the tunnel," whispered the lieutenant.

recent æsthetic self.

ural slenderness."

and to her credit."

seeking a victim.

plied the lady.

so; could you?" swing freely at her sides, making of them "I'd like to put a 'displayed head ' on him," a consistent part of her anatomy. She was the foreman's reply, as he went off to has discarded artificial coloring on her swear at the "devil" down the elevator. cheeks, if she ever put any on, because she can trust to the exercise to produce a "YES, ves, you've got a handsomely furn-

natural glow. She is altogether a wholeished place," said Perkins to his friend Gregg, after they had tramped all over the house insome and lovable improvement upon her pecting the new outfit. " But she can't be symmetrical," said

"Ah, yes, I know," she replied. "These

stereotyped' sentences I have heard before

but in a shorter 'space' of time than this I've

known a printer to take an 'em brace.' But I

couldn't 'column' man a gentleman who'd do

But you haven't seen the climax of it all. answered Gregg, rubbing his hands together joyfully, for he prized Perkins' opinion very aighly, "come and I'll show that, to you."

Together the two sought the parlor, where workmen were putting down a rich carpet.

"There's the charmer," excitedly Gregg, "now tell me, Perky, old boy, aint that the prettiest thing you ever saw?" "Yes, that's right good-looking," replied

Perkins, examining it carelessly, "but 1 have got something at home that can crawl over

lows:

"What is it?" With a new moon smile, Perkins replied

"An eight months' old boy." OLD Uncle Ploughgit and his wife were holding a sort of love-feast the other night recounting old times. As the worthy couple slowly prepared to retire they went over the days gone by in a highly entertaining man

"Do you know 'Riah, I feel as young as I ever did?" remarked Uncle Ploughgit exuber-

"So do I, Enoch," sprily responded Aunt Riah. Then a thought suddenly occurred to Uncle Ploughgit, and, wheeling on his heel, he cried

out: For the understanding properly of this "Last in bed blows out the light!" made a plunge for his side of the couch. His wife, though taken by surprise, was nothing behind him in sprightliness, and their aged heads met about the middle of the bed with a startling thump. Aunt 'Riah doubled up on the floor, and Uncle Ploughgit, rubbing the top of his head, muttered:

"What two old fools we be, anyhow?"

Enwarn King tells one of the most delight ful anecdotes of Carlyle vet put forth. That portentous pseudo philosopher, Mellock, called on the old Scotchman and let himself loose, talking Carlyle almost to death. Carlyle listen, ed imperturbably, invited him to tea, and had amazed; colored lady bashful, blushing; him to smoke in the library afterward. When at last the youthful sage thought proper to take his leave Carlyle accompanied him to the door and said: "Well, good-bye; I've received ye kindly be

cause I knew your mother, but I never want to set eyes on ye again!"

Chaff.

Persons who pick up a living-miners. A call to arms-"John, take the baby!"

Marble hauls-the winnings of the small The trade dollar is an orphan; it has lost it

In love, as in war, a fortress that parleys

"I'm going to board," was the log remarked on entering the saw mill.

Long sentences don't tire a reader half nuch as they do a criminal. It has been asserted that Coke is the best

The successful physician is one who is ab to hit an ail on the head every time.

When a bibulous sailor is sent to jail speaks of it as being "run into dry-dock." We hear occcasionally of civil engineers, b how is it we never hear of civil brakemen? average paper collar comes to it about Wednesday. It is a long lane that has no turn, but the

A little girl in church, after the contribution services are over. I want to show that odious box had passed, complacently said: for four, mamma. Was that right?" A poem in an exchange is entitled "Som

body Passes." "Somebody" evidently held only two small trumps and poor side cards. Between sobs, this morning, Tommy Tripp

"Pat, remember you owe me a shilling."
Pat—"I will never forget it, your honor, and may your honor live in health till I pay you." An Indian prince has had a throne made of solid glass. It will now be possible to see the power behind the throne without any trouble at all.

self, "I have discovered the secret of your sud "I don't like this pepper," said a man to a waiter in a restaurant. "There are peas in it." "Why, that's nothing," replied the waiter "Pepper is always haif p's." With this he called "kitty, kitty," in his

Josh Billings says: "I never feel comfortable when there's a man around that smiles all the time. The only dog that ever bit me never stopped waggin' his tail."

Landlady—It's singular, but true, Mr. Crossgrain, that all my boarders remain with me. New Boarder (at first meal)—Too weak to leave, I guess, after the first week.

A London occulist says that culture diminshes the size of the eyes. Now just listen to that! Everybody knows that small i's are a sign of the entire absence of culture.

"Were you ever caught in a sudden squall?" asked an old yachtsman of a worthy citizen "Well, I guess so," responded the good man I have helped to bring up eight babies."

A poet sent to an editor a contribution en titled "Why do I live?" and the editor answer ed: "Because you send your contribution by mail, instead of bringing them in person." A certain poetess is said to "make good jelles as well at good poetry." It is suggested that she also make a new departure—send her jellies to newspaper offices and can her

"I suppose that it just means that he hired 'em out," was the reply of a small Sunday school child when asked what was meant by the expression, "And the king rent his

A French investigator finds that in propor-tion to its size, a bee can pull thirty times as much weight as a horse. He probably got his idea from the great power with which he The three young women who sat beside her immediately put up their eye-glasses and lookcan push.

A contemporary says: "In selecting a wife choose one that will not fade." What would you have a mando? Ask a girl before he marries her if she paints!—Boston Budget. No! Ask her if she will wash.

A mad princess of the house of Bourbon or being asked why the reigns of queens were in general more prosperous than the reigns of kings replied: "Because under kings women govern—under queens, men."

A little four-year-old sald to his mother last week: "Mother, I believe God thinks I am dead." "Why!" asked the mother, some-what astonished at the remark. "'Cause I haven't said my prayers for a week." "What a fresh complexion Miss B. has,"

said a gentleman to a young lady at a party. "Yes," replied the lady who was a rival of Miss B.'s "it's quite early in the evenin you know, and it hasn't had time to dry.

"Is this beautiful little girl your grandchild Mrs. Yerger?" asked that demented creature "Now, you are 'imposing' on me and I won't Gilhooly. Exasperated, and stung to the quick at not being taken for the child's mother, Mrs. Yerger untinkingly reto.ted: "Is that child large enough already to be taken for a grand-'stand' it. If that's your 'rule' I think it's a 'case' where I'd be 'justified' in hitting you "Be 'composed' miss, and I'll speak 'planer to 'chase' away your fears. Not for all the

It was the fashion in the South after the conscription grew rigorous for cowardly fellows to begin to raise companies to keep out of the ranks. Said a person to Judge Cochrane, referring to one of these evaders: "I see Persimmon is raising a company." "Company," said the Judge, "that's too soon raised for him. He's a raising a regiment."

A TRAGIC EVENT.

Father's Despair and Self-Inflicted Deat His Son's Final Rescue, Too Late to Save His Parent.

The graphic occurrence that is described below is one of the most remarkable episodes in the domestic history of America. It is absolute truth which can be readily verified. The inhabitants of the pleasant town of Cortland, N. Y., were shocked one dead, the moon being hidden by the morning by the announcement that Mr. Clinton Rindge, one of their most prominent citizens, had committed suicide. The news spread rapidly and aroused the entire neighborhood where Mr. Rindge was so well and favorably known. At first it seemed impossible that any one so

quiet and domestic could do so rash a deed, and the enquiry was heard on every side as to the cause. The facts as develon ed on investigation proved to be as fol

Mr. Rindge was domestic in his taste and took the greatest enjoyment in the society of his children and pride in their development. And indeed he had good development. And indeed he had good development. And indeed he had good joy of the Arabs, whose flocks and herds reason to be proud for they gave promise of long lives of success and usefulness But an evil day came. His youngest son, William, began to show signs of an early decay. He felt unusually tired each day, and would sometimes sleep the entire afternoon if permitted to do so. His head pained him, not acutely, but with a dull heavy feeling. There was a sinking sen. sation in the pit of his stomach. He lost specific for it. Then his friends tried it, and all relish for food and much of his inter. est for things about him. He tried manfully to overcome these feelings, but they seemed stronger than his will. He began to lose flesh rapidly. The father became alarmed and consulted physicians as to the cause of his son's illness, but they were unable to explain. Finally severe sores broke out on his arms and he was taken to Buffalo where a painful operation was performed resulting in the loss of much blood but affording little relief. The young man returned home and a council of physicians was called. After an exhaustive examination they declared there was no hope of final recovery and that he must die within a very few days. To describe the agony which this announcement caused the father would be impossible. His mind failed to grasp its full meaning at first; then finally seemed to comprehend it. but the load was too great. In an agony of frenzy he seized a knife and took his own life, preferring death rather than to survive his idolized son. At that time William Rindge was too weak to know what was transpiring His face had turned black, his breath ceased entirely at times, and his friends waited for his death, believing that the flend Bright's disease of the kidneys, from which he was suffering, could not be removed. In this supreme moment William's sister came forward and declared she would make a final attempt to save her brother. The doctors interposed, assuring her it was useless and that she

brother's side and administered a remedy which she fortunately had on hand. Within an hour he seemed more easy, and before the day was over he showed signs of decided improvement. These favor able signs continued, and to-day William B. Rindge is well, having been virtually raised from the dead through the marvel ous power of Warner's Safe Cure, as can be readily verified by any citizen of Cort-Any one who reflects upon the facts above described must have a feeling of sadness. The father, dead by his own

would only hasten the end by the means

she meant to employ. But she was firm,

and putting all back, approached her

impossible; the son restored to health to mourn the loss of his father, and the agonized relatives with a memory of sadness to forever darken their lives. Had Clin ton Rindge known that his son could re cover he would to-day be alive and happy, but the facts which turned his brain and caused him to commit suicide were such as any one would accept as true. However sad this case may be, the truth

remains that thousands of people are a this moment in as actual peril as William Rindge, and in as great danger of causing misery if not death to their friends. Liver and kidney diseases are become the most common and most dangerous of any or all modern complaints. They are far more deceptive than Consumption, and can rarely be detected even by skillful physicians unless a microscopic analysis is resorted to, and few doctors understand how to do this. Their slightest approach, or possibility of approach should strike terror to the one who is threatened, as well as to all his or her friends. These diseases have no distinct symptoms, but come in the form of lassitude, loss of ap petite, aching muscles and joints, dull headache, pains in the back, stomach and chest, sore stomach, recurring signs of cold, irregular pulsations of the heart and frequent dizziness. If neglected these symptoms are certain to run into chronic kidney and liver or Bright's dis ease, from which there is sure to be a great amount of agony and only one means of escape, which is by the use of Warner's Safe Cure. The importance of taking this great remedy upon the slight est appearance of any of the above symptoms cannot be too strongly impressed upon the minds of all readers who desire to escape death and pain, and prolong life with all its pleasures and blessings.

A Night with Panthers.

The Pall Mall Gazette has received the following from M. Rombonnel, the renowned panther slayer, who is hunting in Bouira, Algeria. After the departure of some guests, who

had killed three panthers during their

stay, I found myself alone and very much fatigued; when an Arab came to me from the mountains near—this on the 3d—beg ging me to go and look after a lion that had just devoured one of his cows. Be tween four and six o'clock in the after noon, I settled myself in my hiding place, or affut, amid the brushwood. The rain poured down in torrents. I was soon wet through and very cold. At ten o'clock the rain ceased. I heard the borries that I had put up as a bait suddenly roll

over, and the noise of something being dragged. It was a panther that was trying to carry it off in the thicket. I could see nothing. The little open space in my court of brushwood through which my gun passed was stopped up by the weight of the rain bearing down the branches. very gently made an opening, which caused the panther to lift up his head. I could see its white throat and took aim. It fell down close by. I recharged my gun, for I could not see if my panther was clouds. Half an hour later I heard the noise of some huge animal eating away at the borrico. I lifted the branches as noiselessly as possible, but the intruder took note, and raising, passed within two yards of my hiding place. I only saw a huge black mass, at which I fired and effectually. At break of day on issuing forth from my thicket, I found within a few yards of each other, two magnificent panthers, a male and a female. I heartily thanked St. Hubert for having sent me, with the worse weather in the world, a thoy had been devastating.

The discovery of ATHLOPHOROS as a specific for Rheumatism and Neuralgia was not an ac cident, but the result of inquiry into his own case, by a gentleman of wealth, leisure and scientific accomplishment, who had been long a victim of Rheumatism. His own cure proved his theories as to the nature of the disease, and the merits of ATHLOPHOROS as a their friends. And so the circle widened, till now ATHLOPHOROS is recognized in every State as the surest remedy for Rheumatism and Neuralgia that has ever been discovered.

NEW ADVERTISEMENTS.

LIVES OF PAIN RHEUMATISM and NEURALGIA bave

long enough run riot in the human system. They have tormented the human family and

defied the medical faculty; from time out of memory they have corrupted the blood, democalized the joints, vexed the nerves, agonized the muscles and racked the brain with wearying pain. "ATHLOPHOROS" is the enemy of Rheuma-

ism and Neuralgia, repairs their damages, renews the blood, eases the joints, caims the nerves, soothes the muscles, gives rest and peace to the troubled orain, and ensures delightful sleep. "ATHLOPHOROS" is a new remedy, but it has been abundantly tried. From far and near come testimonials from well-known persons who had long been sufferers. It has turned their diseases out. It has cured them. That is all,—and that is enough.

"ATHLOPHOROS" can do for you what it has done for those sufferers. It can drive out your Rheumatism and Neuralgia, and will do so if you give it a fair trial.

"ATHLOPHOROS" has by this time had such a good trial all over the country that its true work is known, and its true character proved.

"ATHLOPHOROS" means "Prize-Bearer;"
"Victor;" "Conqueror." It carries off the prize as
Victor over the attacks of these terrible maladies,
and Conquenon of the frightful agonies their victims have endured. Not a mere temporary relief,
but a permanent, enduring, and triumphant cure. If you cannot get Athlophoros of your drug-gist, we will send it express paid, on receipt or regular price—one dollar per bottle. We prefer that you buy it from your druggist, but if he

hasn't it, do not be persuaded to try somethicles, but order at once from us as directed. ATHLOPHOROS CO., H2 WALL ST., NEW YORK.

CHARLES BERTHALL M. R. CALLES BALLETTE CONTRACTOR The only known specific for Epileptic Fits. TI

Also for Spasms and Falling Sickness. Nervous Weakness it instantly relieves and cures. Cleanses blood and quickens sluggish circulation. Neutra-lizes germs of disease and saves sickness. Cures A SKEPTIC SAID

ngly blotches and stubborn blood sores. Elimi Bolls, Carbuncies and Scalds. Ex-Permanently and promptly cures paralysis. Yes, it is a charming and healthful Aperient. Kills Scrofula and Kings Evil,

SAMARITAN

ing the cause. Routs bilious tendencies and makes clear complexion. Equalled by none in the delirium of fever. A charming resolvent and a matchless laxative. It drives Sick Headache like the wind.

NERVEXCONQUEROR

the brain of morbid fancies. Promptly cures Rheumatism by routing it. Restores life-giving proper ties to the blood. Is guaranteed to cure all a disorders. By Reliable when all opiates for freshes the mind and invigorates the body. Cures dyspepsia or money refunded.

Diseases of the blood own it a conquerer. End n writing by over fifty thousand leading cit lergymen and physicians in U. S. and Europe. For sale by all leading druggists. \$1.50. (13)

The Dr.S.A. Richmond Med Co. St. Joseph Mo. Lord, Stoutenburgh & Co., Agents, Chicago, Il

AYER'S Ague Cure IS WARRANTED to cure all cases of ma-

larial disease, such as Fever and Ague, Intermittent or Chill Fever. Remittent Fever. Dumb Agne, Bilious Fever, and Liver Con plaint. In case of failure, after due trial. dealers are authorized, by our circular of, July 1st, 1882, to refund the money. Dr. J. C. Ayer & Co., Lowell, Mass.

Sold by all Druggists.



COSTIVENESS Billousness, Dyspepsia,

Indigestion, Diseases of the Kidneys, Torpid Liver Rheumatism, Dizziness, Sick Headache, Loss of Appetite, Jaundice, Erup tions and Skin Diseases. Price, 25c. per bottle. Sold by all Druggist HEREY, JOHNSON & LORD, Preps., Burlington, Vt.

NEW ADVERTISEMENTS.

WE DO NOT CLAIM

that Hood's Sarsaparilla will cure everything, but the fact that on the purity and vitality of the blood depend the vigor and health of the whole system, and that disease of various kinds is often only the sign that nature is trying to remove the disturbing cause, we are naturally led to the conclusion that a remedy that gives life and vigor to the blood, eradicates scrofula and other impurities from it. as Hood's SARSAPARILLA undoubtedly does, must be the means of preventing many diseases that would occur venting many diseases that would occur without its use; hence the field of its useful-ness is quite an extended one, and we are warranted in recommending it for all de-rangements of the system which are caused by an unnatural state of the blood.

Why Suffer with Salt-Rheum?

MESSES. C. I. HOOD & Co., Lowell, Mass. MESSES. C. I. HOOD & Co., Lowell, Mass.
Gentlemen—I was a great sufferer from Salt-Rheum on my limbs, for a dozen years previous to the summer of 1876, at which time I was cured by Hood's Sarsaparilla. The skin would become dry, chap, erack open, bleed and itch intensely, so that I could not help scratching, which of course made them worse 'At the time I commenced taking Hood's Sarsaparilla (in the summer of 1876) they were so bad that they discharged, and I was obliged to keep them bandaged with linen cloths. The skin was drawn so tight by the heat of the disease that if I stooped over they would crack open and actually bring tears into my eyes. The first bottle benefited me son punch that I continued taking it till I was cured I used one box of Hood's Olive Ointment, to relieve the tiching. Hoping many others may learn the value of Hood's Sarsaparilla and receive as much benefit as I have, I am,

Very truly yours,

MRS. S. S. MOODY,

Lowell, Mass., Jan. 15, 1878.

Hood's Sarsaparilla Is sold by druggists. Price \$1, or six for \$5. Prepared by C. I. HOOD & Co., Lowell, Mass.

Small Fruit Plants

Blackberries, Currants, Gooseberries, Grapes, Raspberries, Strawberries.

The more common kinds in quantity. New and promising varieties a specialty. Varieties carefully tested. Plants lifted, handled and packed in the best manner. No extra charge for packing and delivering at freight or express office. Price list free to all applicants. T. T. LYON, tmy15 SOUTH HAVEN, Mich

THE DINGEE & CONARD CO'S ROSES



Cannot be thrown from the track; runs at the touch of a finger while carrying the heaviest door; it is the strongest hanger made, and the only hanger in the world having a Latheturned Roller; Iron Track; strongest in the market, and has the only perfect splice in use. THE MACK DOOR HANGER CO.

SEED CORN Genuine Early Ohio White Cap.

rown in 1883 on the Maumee River, five miles bove the City of Toledo, ripened and matured efore September 1st; tested and every kernel ood. This corn will make a sure and large yield n any soil. Price per bushel, 56 lbs. shelled or 0 lbs in the car \$2° cotton hard 56. in the ear, \$2; cotton bags 25c; free on board HENRY PHILLIPPS & SON, Dealers in Reliable Seeds and Agr'l Implements 141 & 143 St. Clair St., Toledo, O.



a15eow4t FARMS. MINNESOTA. DAKOTA,

Less than Railroad Prices. On Long Time. Send for lists and Prices GRAVES & VINTON, St. Paul, Minn.

by one farmer near Toledo. Price \$1.07 per bushel of ears. Also 500 bushels of gray Buckwheat.

T. S. MERRELL & CO., Toledo, O. Anvil, Vise, Cut off Tool for Farm and Home use, 3 sizes, 34.50, \$5.50, \$5.50. Sold by Ardware dealers. To introduce, one free to first person who gets up club of four. Agents wasted. Write for circular. CHENEY ANVIL & VISE Co., Detroit, Mich.



5 TON WAGON SCALES,

\$60 and



HOMES IN TEXAS & ARKANSAS

Low prices. Long credit. Rich agricultural and grazing lands, producing wheat, rye, oats, corn, cotton, grasses and all the choice fruits, near schools, churches and railroads. Cheap land excursions every month. For maps of Texas, Arkansas, Missouri and Kansas, with all information address J. B. FRAWLEY, Pass. and Land Agent Missouri Pacific Ry. Co., 109 Clark Street, Chicago Illinois.

\$250 A MONTH, Ag'ts wanted. 90 best selling articles in the world. 1 sample free. Address JAY BRONSON, Detroit, Mich

40 (1884) Chromo Cards, no 2 alike, with name 16e 13 pks..\$1. GEO. L. REED & CO., Nassau NY

NEW ADVERTISEMENTS

MORTGAGE SALE.—Default having been made in the conditions of a mortgage made by Edward Call to George Moore, dated November 29th, A. D. 1881, and recorded in the office of the Register of Deeds for the County of Wayne, in the State of Michigan, on the 30th day of November A. D. 1881, in Liber 168 of Mortgages, on page 27, by the nonpayment of moneys due thereon, and on which mortgage there is claimed to be due at the date of this notice two hundred and seventy ty dollars and sixty cents (\$2.70 00), and no suit or proceedings at law or in equity having been instituted to recover the amount secur. dby said mortgage or any part thereof, notice is therefore hereby given that on the 17th day of August, A. D. 1884, at 12 o'clock noon, there will be sold at the westerly front door of the City Hall, in the City of Detroit, in the County of Wayne and State of Michigan (said City Hall being the building in which the Circuit Court for the County of Wayne is held) at public vendue to the highest bidder, the premises described in said mortgage or so mack thereof as may be necessary to satisfy the amount now due as aforesaid, with the interest thereon, and the costs and expenses allowed by law, said premises being situate in the township of Dearborn, County of Wayne and State of Michigan, and known and described as follows, to wit: Being nine acres of land off of the north side of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter (%) of the south half (%) of the northeast quarter

DETROIT, April 19th, 1884.

OEORGE MOORE, Mortgagee.

EDWARD MINOCK, Attorney for Mortgagee.

EDWARD MINOCK, Attorney for Mortgagee.

MORTGAGE SALE.—Whereas default has been made in the conditions of a mortgage made and delivered by Farah E. Turk to George Berdan, bearing date the first day of June, A. D. 1880 and recorded in the office of the Register of Deeds for the County of Wayne, in liber 148 of Mortgages, page 630, on the first day of September, A. D. 1880, which mortgage was afterwards duly assigned by said George Berdan to the undersigned, Charles H. Cady, by assignment dated September 21st, 1883, and recorded in said Register's office in liber 22 of assignments of mortgages, page 293, on the 2d day of October, A. D. 1883, by which said default the power of sale contained in said mortgage has become operative. The sum of sixty-five dollars and seventeen cents is claimed to be due on said mortgage at the date of this natice, besides the sum of three hundred dollars and interest at the rate of eight per cent per annum since June 1st, 1890, still to become due thereon. No suit or proceedings at law or in equity, have been instituted to recover the sum secured by said mortgage or any part thereof. Notice is therefore hereby given that said mortgage will be foreclosed by sale of the promises therein described, or some part thereof, viz: Those certain pieces or parcels of land situate and lying in the village of Wayne, in the town of Nankin, Wayne County, Michigan, to wit: Lots number affecen (15) and sixteen (16) according to the recorded plat of A. L. Chases saddition to said village (subject to said installment to become due on said mortgage) at public vendue at the casterly front door of the City Hall in the City of Detroi, in said County (that being the building whereia the Circuit Court for said County of Wayne is held) on the twelfth day of July next, at ten o'clock in the forenoon.

CHARLES H. CADY,

Dated April 5, 1884. Assignee of Mortgage.

Dated April 5, 1884. CHARLES H. CADY,
Assignee of Mortgage.
CUTCHEON, CRANE & STELLWAGEN,
Attorneys for Assignee.

Attorneys for Assignee.

SHERIFF'S SALE.—By virtue of a writ of fieri facias, issued out of and under the seal of the Circuit Court in and for the County of Wayne and State of Michigan, to me directed and delivered against the goods and chattels, lands and tenements of the Michigan Canning and Preserving Company, I did on the 29th day of February, A. D. 1834, levy u.on and seize all the right, title and interest of the said, the Michigan Canning and Preserving Company in and to the following: Lots thirty-seven (37), thirty-eight (38), thirty-nine (39), and the east half of lot one hundred and twenty-one (121) of the Detroit Arsenal Grounds, in town two (2) south of range ten (10) east, being the same premises conveyed by Johan Atkinson and wife by deed dated April 20th, 1883, and recorded May 23d, 1883, in liber 257 of deeds, on page 289, together with the building thereon and the engine, boiler, machinery, shafting, elevator, tank, vats, and all other fixtures of every name and kind belonging thereto. All of which I shall expose for sale at public auction or vendue to the highest bidder, as the law directs, at the easterly front door of the Detroit City Hall (that being the building in which the said Circuit Court for Wayne County, Michigan, is held), on Thursday, the 29th day of May, A. D. 1884, at 12 o'clock noon of said day.

CONRAD CLIPPERT, Sheriff.

By H. L. RUTTER, Deputy Sheriff.

HENRY A. HAIGH, Plaintiff's Attorney,
Detroit, April 7th, 1884.

A Motice is hereby given that in pursuance of

Detroit, April 7th, 1884.

A DMINISTRATOR'S SALE OF REAL ESTATE.

A Notice is hereby given that in pursuance of a license granted to the undersigned by the Probate Court for the County of Wayne in the matter of the estate of Jessie Crowton, deceased, I shall on the 22d day of May, 1884, at 12 o'clock noon, sell at public auction to the highest bidder at the west front door of the City Hall in the city of Detroit, the interest of said deceased in the following described real estate, to wit: Lot nineteen (19) of Phillips' subdivision of the west half of quarter section forty-three (43) of the ten thousand acre tract, so-called, according to the plat thereof recorded in the Register's office in said County of Wayne, and also twenty-two one-hundredths (22-100) acres from the south side of lots number five (5) and six (6) of said subdivision, being in all five (5) acres of land in the Township of Hamtramck, County of Wayne and State of Michigan.

Deted April 7th 1884

of Hamtranes,
Michigan.
Dated April 7th, 1884.

JENNIE CROWTON,
Administratrix of the estate of
Jessie Crowton, Deceased. ATKINSON & ATKINSON, Attorneys for Administratrix.

CTATE OF MICHIGAN.-The Circuit Court Northe County of Wayne. In Chancery.
At a session of said court held at Detrois on the eighth day of April, 1884. Present, Honorable John J. Speed, Circuit Judge. John C. Wi liams vs. John Seeley. No. 3837.
It satisfactorily appearing to the Court, upon the affidavit of William F. Atkinson, that John Seeley, the above defendant, resides out of the State of Michigan and in the State of Florida. On motion of Atkinson & Atkinson, solicitors for Complainant, it is ordered that said John Seeley appear and answer the bill of complaint filed herein on or before August 9th, 1884, that said order be published in the Michigan Farmers, a newspaper printed in said County for six successive weeks, and that such publication be commenced within twenty days from this date.

Dated April 8th, 1884.

Atkinson & Atkinson,

ATKINSON & ATKINSON, Solicitors for Complainant,

TATE OF MICHIGAN.-The Circuit Court

STATE OF MICHIGAN.—The Circuit Court of the County of Wayne. In Chancery.
At a session of said court held at Detroit on the eighth day of April, 1884. Present, Honoraolo John J. Speed, Circuit Judge. John C. Williams vs. John Seeley. No. 7841. It satisfactorily appearing to the court upon the affidavit of William F. Atkinson that John Seeley, the above defendant, resides out of the State of Michigan and in the State of Florida. On motion of Atkinson & Atkinson, solicitors for complainant, it is ordered that said John Seeley appear and answer the bill of complaint filed herein on or before August 9th, 1884, that said order be published in the MICHIGAN FARMER, a newspaper printed in said county, for six successive weeks, printed in said county, for six successive weeks and that such publication be commenced withit twenty days from this date.

Dated April Sth., 1884.

JOHN J. SPEED, Circuit Judge.

ATKINSON & ATKINSON,
Solicitors for Complainant.

815.7

TATE OF MICHIGAN.—The Circuit Court for the County of Wayne. In Chancer.
At a session of said Court held at Detroit on the sighth day of April, 1884. Present. Honorable John J. Speed, Circuit Judge. John C. Williams 18. John Seeley. No. 3840. It satisfactorily appearing to the Court apon the affidavit of William F. Atkie son that John Seeley, the above defendant, resides ont of the State of

It satisfactorily appearing to the Court upon the affidavit of William F. Atkirson that Join Seeley, the above defendant, resides out of the State of Michigan and in the State of Florida. On motion of Atkinson & Atkinson, solicitors for complaint, it is ordered to at said John Seeley appear and answer the bill of complaint filed herein on or before August 9th, 1884, that said order be published in the Michigan Farmers, a newspaper print di asaid county, for six successive weeks, and that such publication be commenced within twenty days from this date.

Dated April 8th, 1884.

ATKINSON & ATKINSON,

ATKINSON & ATKINSON, Solicitors for Complainant,



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May 17th, 188

BEATTY'S PARLOR ORGANS ONLY

REGULAR PRICE, \$95.00, WITHOUT BENCH, BOOK AND MUSIC.
WITH BEAUTIFUL CHIME - OF SWISS BELLS.

olete instru-

Latest New Style No. 1818. Height, 72 ins. Depth, the Manufacturer DANIEL F. BEATTY, Washington, New Jersey

entevery five minutes. 5,000 con

(Continued from first page)

ones are with calves by side by such noted sires as Geneva Wild Eyes 8687, Barrington Duke 2d 37623, Duke of Crow Farm 38332, and Commander in-Chief pedigrees of but a few of this herd, only enough to convince any breeder that it is one of merit. And as we take a parting look at them we see the sunshine reflected from their majestic forms and sleek red and roan coats, and wish we might find their equals in every barnyard or pasture field in the State. On this farm sheep are a specialty, the flock being a large well bred one, and all registered, the breeding ewes being of Moore and Stickney stock. They are well up in standard and style, and the rams used last fall were Star Bismarck, J. Stickney 178 and Capt. Moore 485. For richness of soil, location, completeness of buildings and surround ings, with such fine array of stock in Shorthorns and Merinos, we challenge the State for the equal to this farm.

From it we were driven by Mr. Boyden to the two farms of G. W. & H. T. Phelps, who own the Northern Washtenaw Herd of pure bred Shorthorns, they living in the town of Webster, but postoffice address Dexter, Mich. The farm comprises 205 acres of rich rolling land (with good buildings), owned one-half by each and the herd of cattle jointly. For 15 years these brothers have been intently engaged in such breeding, and have acquired a good reputation as breeders, and have been more than successful in winning prizes during the last few years at the State fairs. The first bull of note used by them was the 15th Duke of Hillsdale 16829, who was bred by Wm. Curtis & Sons, of Addison, Mich. He was got by J. E. B. Stuart 6900, out of Ella 11th, by Llewellyn 6956, tracing to Ella, by imp. Challenger 324 and imp. Flora, by Son of Comet (155). The second one of note used was 21st Duke of Hillsdale, Vol. 15 A. H. B., bred by same parties and got by Duke of Wicken 14130, out of Duchess of Hillsdale 4th, by J. E. B. Stuart 6900, tracing to imp. Young Mary, by Jupiter (2170). The 3rd one used was Lord Compton 46471. Grand Duke of Flat Creek. now one year old, is to do the honors for a while. He is a right good one (from his breeding), being got by Barrington Duke 3rd, dam Lillie Belle Noxubee, by Duke of Noxubee 9920, tracing to imp. Young Mary, by Jupiter (2170). On the part of the farm owned by Geo. W. Phelps, we find Lady Gay, who is red and white, bred on farm, and eight years old. She was got by 15th Duke of Hillsdale 16829, out of Curdelle, by Victor 15991, tracing to Young Mary by Jupiter (2170). Rowena is two years old, and a hardsome roan, and traces through her dam Belle, by Duke of Balder 13860 to imp. Victoria by Swiss Boy (12164. Josie is four years old, got by 21st Duke of Hillsdale, out of Webster Beauty 2nd, by 15th Duke of Hillsdale The red heifer Luella had Josie for dam and Lord Compton 46471 for sire. Rose of Webster 3rd, had Rose of Webster for dam and through her traces to imp. Strawberry, by Wiseman (12317) with 15th Duke of Hillsdale 16829 for sire. The young red and white bull that is one year old, was driven up for us to look at: he was got by Lord Compton 46471, out of Lizzie Curd 2nd, by 15th Duke of Hillsdale 16829. In the yard strolling in the bright sunshine are several heifer calves and a young bull, all by Lord Compton 46471, that are very promising.

On the farm of the other brother, H. T Phelps, we see the nine-year-old Beauty 2nd, by 15th Duke 16829, with Ruby by Sheldon's Duke 7260 for dam, and the 12-2nd dam Lady Gay, by imp. John O'Gaunt (11621). Ronette is four years old, a Victoria, by 21st Duke, out of Belle by Duke of Balder 13860. Lady Caroline is three years old, was got by 21st Duke, out of Lady Gay, by 15th Duke 16829. Jessie was by 21st Duke, out of Webster Beauty 2nd, by 15th Duke.

The whole stock on this farm are showing very finely, and their pedigrees show them to be well bred. We hardly have space to describe the young stock that we are so much pleased with-although a red heifer by Lord Compton 46471, out of Webster Beauty 2nd, and a red one bred by Wm. Ball, but calved with W. E. Boyden for owner and purchased from him this last winter, and several others, are deserving of a more lengthy notice. We find on this farm a party of registered Merino ewes, purchased from W. E. Boysired by Star Bismark and F. & L. E. Moore 320, with Stickney and Moore ewes for dams. Their stock ram was bred by the Moores and sired by Centennial. In this short and hastily written sketch of the five herds of Shorthorns that we saw in the four counties that we visited, we have feebly tried to portray their respective breeding, regardless of the individual merits of each, although in some instances strikingly prominent, and perhaps challenging comparison. We have closely scanned their breeding, etc., and have glanced at their majestic forms, their fine muzzles, wide open nostrils, prominent large eyes with such mild expression. their well chiseled heads, tapering well set necks, deepening and widening to the bosom, broad full chests and shoulders well sprung ribs, with plenty of space for heart and lungs, broad full loins so smooth and level legs so straight and standing well apart, rump so full and lines above and below so even, with such rich colors of roan and red, such kindly handlers, and with aptitude for flesh and milk if bred for that, we cannot wonder at the enthusiasm of these breeders and the pride with which they point to their

could be found in every township. Ayer's Hair Vigor restores the ori es a vigorous growth, and gives the hair that beautiful lustre which results on ly from a strong, healthy condition.

several herds. The few in number that we

visited are but a moiety of those in the

State, yet they have been so long before

the public that their reputation as breed-

ers ranks high, and their herds are almost

pnequaled; and it were well for the inter-

PENCIL SKETCHES BY THE WAY.

Further Notes from Washtenaw County Having found the memorandum that we had

nislaid, we will write up more fully the his-47714. We have mentioned or given the tory of H. C. Calhoun's flock, which we have passed with but slight notice. We found him leasantly located on a one hundred acre farm of good rolling land, two and a half miles from the village of Manchester. The foundation of his flock was laid in 1879, by the purchase of 22 breeding ewes from O. L. Short, of Cambridge, Mich., and J. C. Short, of Hemlock Lake, New York. They were mostly sired by Nuggett. In 1880 he purchased from C. C. Dorr, of Grass Lake, nine more, which were bred by him and sired by Old Nick, who was bred by L.C. Mead, of Cornwall, Verment, and got by W. R. Sanford's Comet 57. The dams of these ewes were bred by S. B. Palmer, of Norvell, with one exception, that being one bred by Wood Bros., of Lodi, and which was sired by Usurper. In December, 1881, twenty ewes were purchased of C. M. Fellows, of Manches ter, all of Vermont breeding and registered. They were mostly bred by C. E. Crane, J. B. Hamblin, H. E. Sanford and C. H. James, of Vermont. In 1880 he bought the ram Blucher, bred by C. E. Birchard. He was by Duke, by Old Ethan 67, the dam by Usurper 185. He was used two years. On these twenty ewes were used S. James 260, by C. P. Crane 3d g. sire, Eureka 3d; g. g. sire, Silverhorns 177; g. g. g. sire, Bonaparte 174, by Doty ram 134. His dam was S. James 92. He was used one year, being bought from C. M. Fellows in 1882. His flock we found to be a good one, although rather out of condition, and numbers over one hundred. His trade has been good, having

shipped quite largely to Kansas. Wm. Burnham, of Delhi Mills, has a farm of ninety acres, with good house and buildings He has some Shorthorn stock purchased and Selected from the herds of the Phelps Brothers and W. E. Boyden.

J. M. Williams has also a 90 acre farm that is nicely located and very productive, and has for his specialty the best grade Shorthorn stock in the State. We pronounce his aged cow, the three one, two and three year old heifers, superior to any yet seen, and would be selected in almost any herd of recorded stock for their individual merit; and yet there are hundreds of farmers in the State who will not open their eyes to the importance of breeding to this high standard.

E. S. Cushman, of Delhi, has 170 acres of plendid rolling land, upon which he has lived three years, but not long enough to get every thing tidy and neat. He is quite a mode farmer for a young man, for we notice that all his agricultural implements are housed, which is too often neglected by older ones who should know better. In stock we find high grade Shorthorns (using Boyden's bull) which hows his good judgment, and grade Merino sheep. His stock ram is thoroughbred, was purchased from W. E. Boyden, is two years old and bred by H. W. Jones, of Vermont, labelled 249, and got by Banker Jr. This is a pleasant home, with a neat house and well kept lawn and we shall remember the invitation to cal On the edge of "Boyden's Plains" we find S-

F. Sears, (who traces his pedigree to the Richard Sears who landed as a Pilgrim in 1590) who came into this town 57 years ago, following an Indian trail, and being pleased with the locality selected a farm of 188 acres, making it his home since then. It is a good grain and stock farm, the soil being of that class usually found on the "oak openings," and very productive The farm is now managed by two sons, who are active and energetic. In stock they have a large flock of high grade sheep, part of them them being from the Woods' old flock. Some two years or more ago they purchased a party of registered ewes from C. A. Wood, partly of his own breeding, and balance from the flocks of G. C. Kelsey and R. Lane, of Vermont Their stock ram is owned jointly with W. E. Boyden, is three years old, was bred by John H. Mead, and sired by Pony, by Bull Dog, by Dean's Little Wrinkley, by Sweepstakes; dam Pony ewe by Green Mountain. The sheep as party are of good size and style, while among the rams we see some good ones that they are keeping for the fall trade. Their four year old Shorthorn bull Roscoe 46971, was bred by G. year-old Curdelle, by Victor, out of Lizzie W. & H. T. Phelps, of Dexter, was got by 21st 22810, out of Lizzie Curd 2d by 15th Duke of Hillsdale 19829, and tracing to imp. Young Mary by Jupiter 2170. He is a very likely animal and is getting some good stock. Their 15 head of high grade cattle all trace to the breeding of A. S. Brooks, Wm. Ball and W. E. Boyden. The crossing of Poland-China and Berkshire swine with them seems to be

satisfactory. J. & I. C. Bacchus, two brothers, have six 80 acre farms in one, which is splendidly locat ed but a short distance from Dexter. They have a flock of over seven hundred grade sheep, descended from the Hardy flock. Their stock ram is registered, was bred by F. & L. E. Moore, of Vermont, sired by Centennial and purchased from W. E. Boyden, of Delhi Mills. The high grade Shorthorns we saw in the barn were very fine, particularly the young steers.

So far during this trip we have met am the aged men and women many who were oineers of Michigan, and as we ride over the State and see the broad area that is so beautiden, of his own breeding and mostly ful and prosperous, we think they are entitled to much praise and credit for their endurance during those trying times, and we hope they may yet live for years in the State that they helped win from nature's wild domain.

This closes up our trip so far as we can recollect, through the County of Washtenaw and with one week's more patient waiting the residents of Jackson County will read what we saw while there. ON THE WING.

Peterinary Department

Conducted by Prof. Robert Jennings, late of hiladelphia, Pa., author of "The Horse and its issues." "Cattle and their Diseases." "Sheep, oine and Poultry." "Horse Training Madasy," etc. Professional advice through the col Swine and Poultry." "Horse Training Mad-Bary," etc. Professional advice through the co-umns of this journal to regular subscribers free Parties desiring information will be required to send their full name and address to the office of the Firmer. No questions will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given the symptoms should be accurately described, how icong standing, together with color and age of ani mai, and what treatment, if any, has been resorted to. Private address, 201 First Street, Detroit.

Veterinary Editor of the Michigan Farmer. DEAR SIR:-My brother and I have read your valuable paper with much interest.

I think your Household a very great help, also your question department. I would like to ask one question. What can I do for my lambs; they wheeze very much, and a bunch comes in their neck. Is there anything I can do for them? Please answer in the next FARMER nd oblige.

est of our State, so far as stock breeding is concerned, if such breeders and herds Answer.-From your description of the symptoms in your lambs, we infer the trouble to be goitre, which is an enlargement of the thyroid glands in the neck. This peculiar disease has baffled the skill of the most experienced veterinary surgeons. It usually appears in a congenital geons. It usually appears in a congenital and \$1450.

Saturday—16 loads: three at \$19, \$18 and \$16; form, that is, the lamb is dropped with two at \$200 and \$14; one at \$1950, \$1850 and \$1750.

the disease upon it. Few cases ever reover. Its appearance in a flock of sheep indicates a loss of 25 to 50 per cent. The causes which produce it are unknown. This singular disease makes its appearance one year in a flock of sheep apparently healthy, and may not again show itself in the same flock for years. Treatment: Use the following liniment once day on the enlargement, but do not rub hard. Take iodine and iodide of ammonia, of each two drachms; rub down together in a Wedgewood mortar, and gradually dissolve in 6 ounces of rectified spirits; to this add an ounce of glycerine. The tincture of iodine is sometimes used with good effect. Give internally the following: Sulphate of iron, half an ounce, pulv.; nitrate of potassa, pulv.; Socotrine aloes, pulv.; of each one ounce; Jamaica ginger, pulv., six drachms. Mix and divide into twenty powders.

Fungus on Fetlock of a Horse.

SPRINGFIELD, May 8, '84.

Veterinary Editor Michigan Farmer. DEAR SIR:—I have a horse that got a cut across the front of his fetlock joint, on hind foot, last season; it has never healed, but there is a bunch three inches across, filled with fungus or proud flesh. What shall I use to eat it out and heal it up? Please answer in your veterinary ap? Please answer and oblige A SUBSCRIBER.

cannot determine the character of the fungus growth on the fetloek of your horse, or its subcutaneous connection with surrounding tissues. We do not therefore teel justified in advising a course of treatment, which we might suggest if the animal was before us. Under the circumstances it would do no harm to try the following lotion, which if not successful, will do no harm: Sulphate zinc, one drachm; soft water, twelve ounces: dissolve the zinc in the water then add four ounces glycerine.

Ventral Hernia.

Shake well and apply twice a day.

MEMPHIS, Mich., April 28, 1884 Veterinary Editor Michigan Farmer.

DEAR SIR:—I have a bay yearling mare colt, Hambletonian stock, that I discovered bout two days ago had a breach on its shout six inches front of the flank and a little below. I have put a bandage around it; I think it was hooked. Please answer t; I think it was nooked. I look through the FARMER what to do. SUBSCRIBER.

Answer.-The hernia or rupture in your filly, is only reducible by a surgical operation, in the hands of a skillful veterinary or human surgeon. Compresses give temporary relief but will not cure the rupture. As your animal is a valuable one, we would advise an operation. If performed by a human practitioner, we are ready to consult with him by letter, with reference to the method of operating, giv ing him the benefit of our experience in such cases.

Hood's Sarsaparilla frees the blood of pest

COMMERCIAL

DETROIT WHOLESALE MARKET.

DETROIT, May 12, 1884. Flour.-Receipts for the week. 2.240 bbls. agains 2,923 bbls. the previous week, and 3,558 bbls the corresponding week in 1883. Shipments, 3,322 bbls The market is showing some improvement, an under a better shipping demand values are higher and held firmly at the advance. Quotations yester day were as follows:

Wheat.-The market opened very quiet, the emand light and values tending downward. In

futures considerable trading was done, but at a decline from Saturday's closing figures. Closing prices were as follows on spot wheat: No. 1 white \$1 04%; No. 2 white 1 01%; No. 2 red, \$1 0416. In futures quotations closed as follows: May, 1 051/4: une, \$1 041/6; July, \$1 041/6; August, 99c.

Corn.—Steady and higher. No. 2 spot 58c per bu., new mixed 55c, rejected 54c per bu. Receipts Oats .- No. 2 white would probably command about 39%, and No. 2 mixed 35%@36c. Market

very quiet. Barley.-Very little doing. Good State or West ern commands \$1 60@1 75 per cental, and Canada 0@15 more. Street prices, 60@80c per bu.

Corn Meal.-Firm and steady at \$22@25 per on for fresh ground. Feed.—Bran is quoted at \$14 50@14 75: ddlings are nominal at \$15 25@15 50 for coarse

and \$17@18 for fine: linseed meal, \$27 00@30 0 Apples .- Quiet and inactive. Quotations

\$3 50@4 00 for good fruit. Beans .- Quiet and steady; pickers are quotin at \$2 25@2 30 for their best steck. From farmers

wagons buyers are paying \$1 50@2 00. Butter-Good fresh butter is in request at 24@ 24c per B., while choice would command 28c. The lower grades are completely neglected.

Cheese .- New full cream State is quoted at 18 @131/c per B , Ohio at 12@121/c for part skims. stock, and 28@30c from first hands. Eggs .- Steady and firm at 15c per dozen. Stree

rices, 14@15c Dried Apples .- Dried apples are dull at 614@ %c ♥ D. Evaporated fruit is worth 12@12%c ♥

b. Demand very light. Hay.-Baled on track is selling at \$10@12 pe Potatoes-The market is quiet and steady with

only a local demand. Quotations are 35@38c for ar lots of Early Rose. Street prices, 40@45c. Maple Sugar.-New, 121/@13c; old, 10c. Sirup, 0@90c per gallon Onions .- Quiet and steady. Quotations are \$1 73

per bbl. Peas .- Choice Canada field, \$1 10 per bu. : Wisonsin blue, \$1 40@1 45. Honey.-Market dull at 18@20c per lb. for

Provisions.-There is a good seasonable de nand for barreled pork at anchanged figures moked meats active and firm; lard unchanged an teady; mess and daied beef and tallow are steady at last week's prices. Quotations in this market are as follows:

fess, new.... ard in tierces, per D allow, per D.....

the Michigan Avenue scales for the past week : Monday.—17 leads: five at \$16; four at \$15; hree at \$30; one at \$19, \$18, \$17 50, \$17 and \$14. Thesday.—24 leads: four at \$20, \$18 and \$17; two £ \$19, \$16 50, \$16 50, \$16, \$15 and \$14, one at \$20 50

and \$13.

Wednesday.—two loads at \$15.

Thursday.—20 loads: four at \$19 and \$18; two at \$20, \$16 50, \$16, \$15 and \$14; one at \$17 and \$18.

Friday.—23 loads: five at \$19; four at \$18; three at \$17 50, \$16 and \$15; two at \$17; one at \$30, \$15 50 and \$14 50.

Saturday.—16 loads: three at \$10, \$19, and \$15.

TIVE STOCK MARKETS.

At the Michigan Central Yards. Saturday, May 12, 1884 The following were the receipts at these yards 183 CATTLE.

The offerings of Michigan cattle at these yards numbered 240 head against 420 last week. The lemand for butchers' cattle was in excess of the supply and sellers had no trouble in closing ou heir stock at an advance of 25 cents per hundred over the rates ruling last week. Several shipper, were in the yards, but they found but few cattle suitable to their wants, that the local buyers were not willing to pay Buffalo prices for, so they only secured those cattle that were too neavy for the city trade. This class of cattle did not participate in the advance, and sellers had to accept last week's rates for them. Before te o'clock the yards were cleared, and 150 more cattle could have been easily placed. The following were the closing.

Answer.-From your description, we

Goodworth sold Oberhoff 3 fair shipping steers av 1,216 lbs at \$5 30, and 18 stockers to Flieschman av 634 lbs at \$4.

Lathrop sold Duff & Caplis a mixed lot of 20 head of good butchers' stock av 948 lbs at \$5 75.

Nichols sold John Robinson a mixed lot of 9 head of good butchers' stock av 915 lbs at \$5 25, and 2 stockers to Sullivan av 670 lbs at \$4 40.

Clark sold Duff & Caplis a mixed lot of 20 head of good butchers' stock av 1,023 lbs at \$5 20.

tamp sold Burt Spencer 6 good shipping steers av 1,400 lbs at \$6.

Hope sold Burt Spencer 5 good shipping steers av 1,602 lbs at \$5.

Switzer & Ackley sold Duff & Regan a mixed lot of 6 head of fair butchers' stock av 875 lbs at \$5 12½; and 2 stockers to Flieschman av 630 lbs at \$4 50.

steeers av 1,157 lbs at \$5.25.
White sold Burt Spencer 4 good oxen av 1,720 lbs at \$5.30.
Bently sold Sullivan 3 good butchers' steers av 1,013 lbs at \$5.75.
Gleason sold Sily 8 stockers av 670 lbs at \$4.55 and \$1 added on the lot.
Stevens sold Sullivan a mixed lot of 6 head of fair butchers' stock av 930 lbs at \$5.
Nichols sold Sullivan 2 fair butchers' steers av 1,090 lbs at \$5.5.
Lovewell sold Flieschman 6 stockers av 810 lbs at \$4.

The offerings of sheep numbered 436, against

to supply the demand. Among the receipts we

King's Yards. Monday, May 12, 1884.

There were only 105 head of cattle on sale a nd St. Louis that they cannot be brought her

Schrader sold Duff & Regan 4 good butchers steers av 1,205 lbs at \$5 80, and 2 to Schulner av ,160 lbs at \$5 85. Reid sold Kolb 5 fair butchers' steers av 998 lbs

Reid sold Kolo 5 ian culture 1 \$5 40.

Brown sold Marx 20 fair butchers' steers av 916 Brown sold Marx 20 fair butchers' steers av 916 'lbs at \$5 50.

Aldrich sold John Robinson 11 good butchers' steers and heifers av 867 lbs at \$5 50.

Harger sold John Robinson a mixed lot of 26 head of fair butchers' stock av 738 lbs at \$5 25.

Deconic sold Duff & Caplis a mixed lot of 6 head of fair butchers' stock av 975 lbs at \$5 25.

Green sold Kolb 2 good butchers' steers av 1,035 lbs at \$5 25.

Dunning sold Sullivan a mixed lot of 14 head of fair butchers' stock av 840 lbs at \$5 25.

There was a healthy, strong demand for stock, and espite unfavorable reports from the east, ship pers bought freely at full closing prices of las week. There were but few choice lots on sale, but of such as classed good, the supply was large. A few lots sold at \$6 25@6 40, but the bulk went at range of \$5 60@6. For butchers' stock the demand was in excess of the supply, and it continues to rule high in comparison with shipping steers. Inferior to choice cows sold at \$2 75@5, and common to good little steers at \$5@5 50. Tuesday and Wednesday the market was steady and firme and on Thursday prices were 5@10 cents per hundred higher. For medium grades on Frid prices were advanced 5@10 cents, but heavy ship pers were dull and a shade lower. The marke nled steady and firm on Saturday, closing at the following

S95.00

PREPAID.

\$4 50.

Harger sold Oberhoff 2 fair butchers' steers av 890 lbs at \$5 25, and a bull and a steer av 910 lbs at \$4 50.

Judeon sold John Robinson a mixed lot of 11

Judson sold John Robinson a mixed lot of 11 head of good butchers' stock av 1,009 lbs at \$5 50. Bently sold Sullivan 12 good butchers' steers and heifers av 992 lbs at \$5 70, and a mixed lot of 11 head of good butchers' stock to Duff & Caplis av 895 lbs at \$5 25.

Harger sold Hersch 11 choice butchers' steers av 1,086 lbs at \$6.

Gleason sold McDonough 8 choice butchers' steers av 1,168 lbs at \$5 85, and 3 good ones av 1,070 lbs at \$5 45.

Plotts sold John Robinson a mixed lot of 9 head of good butcher's stock av 790 lbs at \$5 35.

Nichol's sold Duff & Caplis a mixed lot of 7 head of good butchers' stock av 1,004 lbs at \$5 40.

Dunning sold Flieschman 8 fair butchers' steers av 1,157 lbs at \$5 25.

White sold Buff Spencer 4 good oxen av 1,720 lbs at \$5 30.

650 last week. The sheep trade was in the same position as the cattle, there not being near enough three lots of clipped, 70 of which brought \$5 50 per hundred on an average of 94 lbs. This means mutton by the carcass at 10 to 11 cents per pound. The rest of the shorn sheep were of poor quality and sold fully as high in proportion. Prices all around were a strong 25 cents per hundred higher

CATTLE.

these yards, and the market opened up active with a shap competion between buyers, that sent prices up 25 cents per hundred, over the rates of Saturday. Until western cattle run more freely. there is no prospect for lower prices here. At present butchers' cattle are so high in Chicago and sold at ruling prices and pay out.

and sold at runing prices and pay out.

Schrader sold Knoch 5 good butchers' steers av
1,230 lbs at \$5 85, and 2 fair ones to John Wreford
av 1,020 lbs at \$5 40.

Aldrich sold Marshick 3 good butchers' steers
av 1,210 lbs at \$5 50.

Purdy Brossold McGee 4 thin cows av 905 lbs at

Chicago.

CATTLE .- Receipts 26,279, against 29,034 the previous week. Shipments 10,874. The market opened up on Monday with 6,000 head of cattle on sale.

Hoes.—Receipts 93,719, against 103,842 las week. Shipments 21,634. The supply of hogs or Monday numbered 14,460. Prices averaged 16 cents per hundred higher than at the close of the cents per hundred higher than at the close of the previous week. Both packers and shippers were free buyers, paying \$53525 90 for poor to prime light; inferior mixed to good heavy, \$5 4066 65. No choice heavy lots were offered. Skips and culls sold at \$465 25. On Tuesday trade opened active, and prices averaged 5@10 cents higher, and on Wednesday another 5 cents was added. Up to Friday night there was a very steady market, but the receipts were increased, especially poor grades, and the prices weakened 5@10 cents, clos-



ing with poor to prime light at \$540@5 95; inferior mixed to choice heavy, \$5 40@6 25, with skips and culls at \$4@5 35.

Buffalo.

CATTLE-Receipts, 10.933, against 13,869 the previous week. The cattle trade opened up slow on Monday with 97 car loads on sale. The general was of good average, and for the best quality steers the demand was fair at a decline of 10 cents per hundred below the rates of the Monday previous, while common grades were a str cents off; The best steers on sale brought \$6 25@ 650, and light to medium at \$5@5 75. The market ruled weak on Tuesday, but on Wednesday with light receipts and favorable reports from the east, there was a better feeling and the yards were cleared at strong last week's rates. Of Michigan cattle: 26 steers av 955 lbs sold at \$5 10: 42 do av 990 lbs at \$5 421/2; 20 do av 1,139 lbs at \$6 15; 19 do av 944 lbs at \$5 40; 12 do av 877 lbs at \$5 50; 19 do av 1,148 lbs at \$5 90; 14 do av 948 lbs at \$5 25; 20 do av 1,082 lbs at \$5 65; 19 do av 1,113 lbs at \$5 80. The following were the closing

QUOTATIONS Extra Beeves-Graded steers weigh-

around were a strong 25 cents per hundred higher than those of last week, the market closing very firm.

Camp sold Fitzpatrick 48 av 93 lbs at \$6.50.
Lovewell sold Fitzpatrick 180 av 80 lbs at \$6.10.
Haywood sold Fitzpatrick 132 av 93 lbs at \$6.10.
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Haywood sold Fitzpatrick 132 av 93 lbs at \$6.10.
Horritt sold Andrews 30, shorn, av 73 lbs at \$6.10.
Plotts sold Andrews 35, shorn, av 79 lbs at \$4.50.
Switzer & Ackley sold Andrews 38, shorn, av 72 lbs at \$4.50.
Hogs.

The offerings off hogs numbered 67, against 185 last week. There were not enough hogs to create any competition, and one buyer took them all at about last week's rates.

Venture—Tart to prime of 160 to 210
SHEEF.—Receipts, 22,900, against 20,100 the previous week. The sheep market opened up on Monday with 47 loads on sale. The demand for Boston and New York trade was good, but prices was without material change in values, prices keeping up to the close. About all the wooled sheep on sale were from Michigan, and this week will probably finish them up. Clipped sheep of 75 to 85 ibs lbs sold at \$5.50.25.75; 80 to 90 lbs \$5.75.26; 50 to 100 lbs \$2.28 (shorn) av 93 lbs at \$6.10.
Statement 100 lbs \$2.28 (shorn) av 93 lbs at \$6.10.
SHEEF.—Receipts, 22,900, against 20,100 the previous week. The sheep market opened up on Monday with 47 loads on sale. The sheep market opened up on Monday with 47 loads on sale. The sheep market opened on the Monday on the Monday on the Hose.

Sheep —Receipts, 22,900, against 20,100 the previous week. The sheep market opened up on Monday with 47 loads on sale. The sheep market opened on the Monday on the Monday on the Hose.

Sheep —Receipts, 22,900, against 20,100 the previous week. The sheep

29,727, against 32,140 the pre Hoos.—Receipts 29,727, against 32,140 ine previous week. The hog market for the three days of the week ruled fairly steady at last week's rates, good to choice Yorkers selling at \$5,900; fair do \$5,500,565; medium grades fair to choice \$60,610; good to extra heavy \$60,525; p. gs. common to choice \$50,550; skips and culls \$4,250,475.

A Good Proposition.

T. B. Terry, in the Country Gentlenan, says: "I want to propose to you, brother

farmers, that you take one lot on your farm, and begin now to do on it the very best farming you possibly can. Keep an exact account with it, and see just what net profit it will pay you. Charge for all seed and labor what it is worth, or what it cost you, and charge for all manure put on, dividing the cost fairly between each crop in the rotation, and interest on the value of the land, and on the cost of all permanent improvements, such as underdraining, clearing off stones, &c. Take one of your best lots, clear it of all obstructions, and underdrain every wet spot. If it all needs draining, drain it all. Get the best tools in the market for thoroughly working and pulverizing the soil, and then use them without stint. Manure your land if it needs it, and do not forget thoroughly to pulverize the manure. Put in the crops best suited to your locality. Select a good rotation; the one best suited to your soil and crops. Do everything just when it ought to be done. Get the best of seed, and put the products of your land into the nicest possible shape for market. If you do all this honestly and faithfully, I think you will be surprised, before you get around once with your rotation, at the profit of such farming. You will not go back to the old way after having once tried this kind of farming, nor will you need to be urged to try it on another lot."

Where Italian bees are kept, and are left to swarm in the natural way, it is no unusual occurance for the queen to drop down in front of the parent hive, as they are often so heavily laden with eggs as to be unable to fly. The bee-keeper should be on the look out for such cases, for if the queen is not found she will become a loss and the bees will return to the hive.

We do not as a rule allow ourselves to use our editorial columns to speak of any remedy we advertise, but we feel warranted in saying word for Hood's Sarsaparilla. Sarsaparilla has been known as a remedial agent for centuries, and is recognized by all schools of practice as a valuable blood purifier. It is put up in forms of almost infinite variety, but Messrs. Hood & Co (Lowell, Mass.,) who are thoroughly reliable pharmacists, have hit upon a remedy of unusual value. Certainly they have vouchers of cures which we know to be extraordinary.



Of superior workmanship, always on hand. As your Agricultural Implement dealer for the CO QUILLARD WAGON, or send for circular an

A. COQUILLARD. South Bend, Ind. SOMETHING ENTIRELY NEW! PORTER'S SINGLE-TREE SLING ATTACHMENT FOR HAY CARRIERS. Buy the PORTER HAY CARRIER, the simplest and best in the world. The only Carrier you can use. Porter's Single-tree Sling with free. The Porter Carrier was swarded first premium over all competitors at the State Fairs in Minnesots, lows, Illinois, and the great St. Louis Exposition of 1880, '81 and '82. If you dealer does not keep the Porter Carrier for sale, write to me for circular, terms and prices. I also have a circular showing cut of Model Barn, and one describing a new method for cultivating hay, which will increase the crop one-third, I will send upon receipt of name and address. Agents wanted in all unoccupied territory. (Patented April 17, 1883.) J. E. PORTER, Ottawa, Ill.

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Michigan Central R. R.

\$11.59 a m *6.10 p m

\$11.59 p m

*8.25 pm *11.45 pm *8.25 am

*9.30 a m

deferson ave., and Depot. All trains arrive and lepart on Central Standard time, which is 28 minutes slower than Detroit time. Chicago Trains going west New York Limited Ex.. Mail, via Main & Air line Jackson Express... *5.50 p m
Evening Express... \$7.55 p m
Pacific Express... \$9.15 p m
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.20 a m Canada Division. Leave. going east Buffalo and To-ronto Trains. Atlantic Express..... Accomt'n from Windsor Fast Day Express.... New York & Boston Ex Limited Express. \$8.50 p m *8.50 p m §3.00 p m \$6.15 a m *7.15 a m \$11.59 a m *7.30 p m

TOLEDO

DETROIT, GRAND HAVEN & MIL-

Depot Foot of Brush Street. Trains run by Central Standard Time, which is 28 minutes slower Detroit time. In effect December 3: th, 1883.

"Morning Express 6:50 am 11:45 am 18:70 am 4:50 pm 18:50 pm 19:50 pm 19 Saturdays excepted. † Daily, ‡ Daily,
Saturdays excepted.

Through Mail has Parlor Car to Grand Haven.
Chicago Express at 8:30 a m has through coaches
and Pullman Parlor Day Car to Chicago.
Chicago and Owosoo Express at 8:35 p m has
through coaches and Pullman Palace Sleepers to
Chicago.

Chicago.

Night Express has Wagner Sleeper from Detroit to Grand Rapids. to Grand Rapids.
Sleeping Car berths can be secured at G. T. R'y
Ticket Office, 156 Jefferson Ave., and at Depot.
T. TANDY, Gen'l Pass. Agt., Detroit.

FLINT & PERE MARQUETTE BAIL Depot Foot of Third Street. Ticket office 154 Jefferson Avenue and in Depot.

Trains run on Central Standard Time. Bay City & Saginaw Mail. . *10:50a m *12:10 pm Bay City & Ludington Exp *3:45 pm *12:10 pm Bay City & Ludington Exp *13:55 pm *5:00 pm 11:30 pm Sleeping Car on Night and Parlor Car

*Daily except Sundays Sundays †Daily. C. A. WARREN, P. & T. Ast. LAKE SHORE & MICHIGAN SOUTH

Trains run on Central Standard Time Leave. 7 12 am 8 52 am incinnati, Colum's and Cleve. Express.....

The 7 25 p m train will arrive, and the 3 10 p m train depart from the Fourth street depot. Other trains will arrive and depart from the Brush street epot. Daily except Sunday. Up-town ticket office No. 154 Jefferson Avenue

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